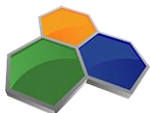


**REGO-JÁSZ  
CHEM  
KFT**



# **PRODUCT CATALOG**

**2018**



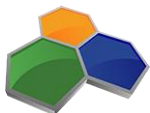
# PC 20GF REC B1 BLACK

**PRODUCT INFORMATION****PC REGRANULATE FILLED WITH 20% GF.****Physical properties:**

Property	Unit	Method	Min	Max	Mean value
Density	g/cm <sup>3</sup>	ISO 1183	1,20	1,28	1,26
Ash content	%	-	18	22	19
MVR (300°C/1,2kg)	cm <sup>3</sup> /10min	ISO 1133	15	30	20
Vicat Softening Temperature (50°C/h-50N)	°C	ISO 306/B50	130	150	147
FLAME Rating (3mm)	class	UL 94	V1	V1	V1
TENSILE Modulus	MPa	ISO 527-2	3500	4500	4000
TENSILE Stress (Break)	MPa	ISO 527-2	70	100	80
TENSILE Strain (Break)	%	ISO 527-2	2	10	4
FLEXURAL Modulus	MPa	ISO 178	3500	4500	4250
FLEXURAL Strength	MPa	ISO 178	110	140	135
IZOD notched impact (23°C)	kJ/m <sup>2</sup>	ISO 180-1A	5	8	6

The data presented are only for information.

Supervision of manufacturing and certification process of the product is developed according to MSZ EN ISO 14001. This polymer product is made in Hungary. The measurements of properties are carried out at our site.



**Rego-Jász Chem Kft**

HU-5121 Jászfákóhalma

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# PC/ABS REC B1 BLACK

## PRODUCT INFORMATION

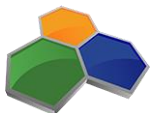
PC REGRANULATE FILLED WITH 20% GF.

### Physical properties:

Property	Unit	Method	Min	Max	Mean value
Density	g/cm <sup>3</sup>	ISO 1183	1,08	1,15	1,10
Ash content	%	-	-	-	-
MVR (260°C/5,0kg)	cm <sup>3</sup> /10min	ISO 1133	30	90	50
Vicat Softening Temperature (50°C/h-50N)	°C	ISO 306/B50	100	120	113
FLAME Rating (3mm)	class	UL 94	HB	HB	HB
IZOD notched impact (23°C)	kJ/m <sup>2</sup>	ISO 180-1A	5	10	8

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# PC/ABS V1 TE 19 BLACK

## PRODUCT INFORMATION

### PC/ABS GRANULATE.

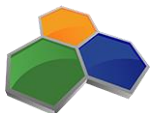


### Physical properties:

Property	Unit	Method	Min	Max	Mean value
Density	g/cm <sup>3</sup>	ISO 1183	1,12	1,17	1,14
Ash content	%	-	-	-	-
MVR (260°C/5,0kg)	cm <sup>3</sup> /10min	ISO 1133	50	90	70
Vicat Softening Temperature (50°C/h-50N)	°C	ISO 306/B50	100	120	108
*FLAME Rating (3mm)	class	UL 94	V1	V1	V1
TENSILE Modulus	MPa	ISO 527-2	2000	3000	2600
TENSILE Stress (Break)	MPa	ISO 527-2	35	50	45
TENSILE Strain (Break)	%	ISO 527-2	10	20	15
FLEXURAL Modulus	MPa	ISO 178	2000	2500	2300
FLEXURAL Strength	MPa	ISO 178	60	80	70
IZOD notched impact (23°C)	kJ/m <sup>2</sup>	ISO 180-1A	8	15	12

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**Rego-Jász Chem Kft**

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## PP REC A1 WHITE

PRODUCT INFORMATION

PP REGRANULATE.

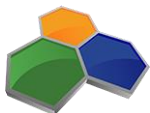


Physical properties:

Property	Unit	Method	Min	Max	Mean value
Density	g/cm <sup>3</sup>	ISO 1183	0,88	0,95	0,91
Ash content	%	-	-	-	-
MVR (230°C/2,16kg)	cm <sup>3</sup> /10min	ISO 1133	6	20	18
Vicat Softening Temperature (50°C/h-50N)	°C	ISO 306/B50	50	80	54
*FLAME Rating (3mm)	class	UL 94	HB	HB	HB
IZOD notched impact (23°C)	kJ/m <sup>2</sup>	ISO 180-1A	5	9	7

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**Rego-Jász Chem Kft**

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# PP REC B1 NATURAL

PRODUCT INFORMATION

PP HOMOPOLIMER REGRANULATE.

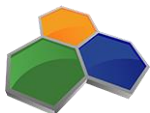


Physical properties:

Property	Unit	Method	Min	Max	Mean value
Density	g/cm <sup>3</sup>	ISO 1183	0,87	0,91	0,89
Ash content	%	-	-	-	-
MVR (230°C/2,16kg)	cm <sup>3</sup> /10min	ISO 1133	25	35	28
Vicat Softening Temperature (50°C/h-50N)	°C	ISO 306/B50	80	100	93
FLAME Rating (3mm)	class	UL 94	HB	HB	HB
IZOD notched impact (23°C)	kJ/m <sup>2</sup>	ISO 180-1A	3	5	3,5

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# PP RG RP 100 BLACK

## PRODUCT INFORMATION

### PP REGRANULATE.

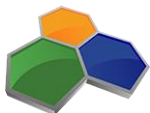


### Physical properties:

Property	Unit	Method	Min	Max	Mean value
Density	g/cm <sup>3</sup>	ISO 1183	0,89	0,96	0,92
Ash content	%	-	-	-	-
MVR (230°C/2,16kg)	cm <sup>3</sup> /10min	ISO 1133	10	20	18
Vicat Softening Temperature (50°C/h-50N)	°C	ISO 306/B50	70	90	82
*FLAME Rating (3mm)	class	UL 94	HB	HB	HB
TENSILE Modulus	MPa	ISO 527-2	1000	1700	1300
TENSILE Stress (Break)	MPa	ISO 527-2	20	35	25
TENSILE Strain (Break)	%	ISO 527-2	15	30	20
FLEXURAL Modulus	MPa	ISO 178	800	1100	930
FLEXURAL Strength	MPa	ISO 178	20	40	30
IZOD notched impact (23°C)	kJ/m <sup>2</sup>	ISO 180-1A	3	8	4

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# XPS REC B1 NATURAL

PRODUCT INFORMATION

PS REGRANULATE.



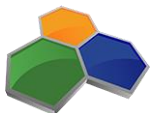
**Physical properties:**

Property	Unit	Method	Min	Max	Mean value
Density	g/cm <sup>3</sup>	ISO 1183	1,00	1,08	1,02
Ash content	%	-	-	-	-
MVR (200°C/5,0kg)	cm <sup>3</sup> /10min	ISO 1133	5	20	5
Vicat Softening Temperature (50°C/h-50N)	°C	ISO 306/B50	75	95	90
FLAME Rating (3mm)	class	UL 94	HB	HB	HB
IZOD notched impact (23°C)	kJ/m <sup>2</sup>	ISO 180-1A	1,5	2	1,8

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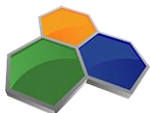
# ABS REC B1 BLACK

**PRODUCT INFORMATION****ABS REGRANULATE.****Physical properties:**

Property	Unit	Method	Min	Max	Mean value
Density	g/cm <sup>3</sup>	ISO 1183	1,04	1,08	1,05
Ash content	%	-	-	-	-
MVR (220°C/10kg)	cm <sup>3</sup> /10min	ISO 1133	10	20	15
Vicat Softening Temperature (50°C/h-50N)	°C	ISO 306/B50	90	100	95
FLAME Rating (3mm)	class	UL 94	HB	HB	HB
TENSILE Modulus	MPa	ISO 527-2	2000	2700	2500
TENSILE Stress (Break)	MPa	ISO 527-2	20	40	30
TENSILE Strain (Break)	%	ISO 527-2	15	30	20
FLEXURAL Modulus	MPa	ISO 178	1800	2500	2100
FLEXURAL Strength	MPa	ISO 178	45	65	55
IZOD notched impact (23°C)	kJ/m <sup>2</sup>	ISO 180-1A	8	12	10

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**Rego-Jász Chem Kft**

HU-5121 Jászjákóhalma

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## LDPE REC A1 WHITE

### PRODUCT INFORMATION

LDPE REGRANULATE FILLED WITH 3% TALCUM



### Physical properties:

Property	Unit	Method	Min	Max	Mean value
Density	g/cm <sup>3</sup>	ISO 1183	0,92	0,95	0,94
Ash content	%	-	2	5	3
MVR (190°C/2,16kg)	cm <sup>3</sup> /10min	ISO 1133	1	4	2
Vicat Softening Temperature (50°C/h-50N)	°C	ISO 306/B50	-	-	-
FLAME Rating (3mm)	class	UL 94	HB	HB	HB
IZOD notched impact (23°C)	kJ/m <sup>2</sup>	ISO 180-1A	25	40	30

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