

Dialon 1015GK20

Polycarbonate

DTR S.r.l. (Develop Thermoplastic Resins)

Message:

Dialon 1015GK20 is a Polycarbonate (PC) material filled with 20% glass bead. It is available in Europe. Primary attribute of Dialon 1015GK20: Flame Rated.

General Information			
Filler / Reinforcement	Glass Bead,20% Filler by Weight		
Features	Medium Flow		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	50.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	3200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	131	°C	ISO 75-2/A
Vicat Softening Temperature	148	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (3.20 mm)	V-2	UL 94	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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