

Dialon 507

Polycarbonate

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

Message:

Dialon 507 is a Polycarbonate (PC) material. It is available in Europe.

Important attributes of Dialon 507 are:

Flame Rated

Impact Resistant

General Information			
Features	Good Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	2400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	600	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	150	°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

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