

Plaslube® PC-50/TF/13/SI/2 BK3585

Polycarbonate

Techmer Engineered Solutions

Message:

Plaslube® PC-50/TF/13/SI/2 BK3585 is a Polycarbonate (PC) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Flame Rated

RoHS Compliant

General Information			
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.70	%	ASTM D955
Water Absorption (24 hr)	0.12	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	109		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	48.3	MPa	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	72.4	MPa	ASTM D790
Compressive Strength	62.1	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	136	°C	ASTM D648
CLTE - Flow	6.8E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94

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Recommended distributors for this material

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