

TES J-50/30/TF/15 BK3585

Polycarbonate
Techmer Engineered Solutions

Message:

TES J-50/30/TF/15 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	1.57	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.20	%	ASTM D955
Water Absorption (24 hr)	0.080	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	117	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength	165	MPa	ASTM D790
Compressive Strength	110	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	180	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	146	°C	ASTM D648
CLTE - Flow	2.7E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	V-1		UL 94

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