

# TES J-50/20/TF/10 BK

Polycarbonate  
Techmer Engineered Solutions

Message:

TES J-50/20/TF/10 BK is a Polycarbonate (PC) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: rohs compliant.

General Information			
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.20	%	ASTM D955
Water Absorption (24 hr)	0.11	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	113		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	100	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	6210	MPa	ASTM D790
Flexural Strength	152	MPa	ASTM D790
Compressive Strength	96.5	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	190	J/m	ASTM D256

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