

**TES J-50/30/FR BK3585**

Techmer Polymer Modifiers - *Polycarbonate*

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East      • Europe      • North America • Asia Pacific      • Latin America
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

**Properties <sup>1</sup>**

	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
<b>Physical</b>			
Density / Specific Gravity	1.42		ASTM D792
Molding Shrinkage - Flow (0.125 in)	2.5E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.075	%	ASTM D570
<b>Mechanical</b>			
Tensile Strength	19200	psi	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	1.10E+6	psi	ASTM D790
Flexural Strength	29000	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact	3.3	ft·lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	300	°F	ASTM D648
<b>Flammability</b>			
Flame Rating (0.06 in)	V-0		UL 94

