

TES J-50/40 BK223

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 ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.52		ASTM D792
Molding Shrinkage - Flow (0.125 in)	1.5E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical			
Tensile Modulus	1.50E+6	psi	ASTM D638
Tensile Strength	21500	psi	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	1.40E+6	psi	ASTM D790
Flexural Strength	30000	psi	ASTM D790
Impact			
Notched Izod Impact	1.4	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	280	°F	ASTM D648

