

**TES J-4/35 BK223**

Techmer Polymer Modifiers - *Polyamide 612*

**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>**

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.34		ASTM D792
Molding Shrinkage - Flow (0.125 in)	2.7E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.20	%	ASTM D570
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Modulus	1.28E+6	psi	ASTM D638
Tensile Strength	25000	psi	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	1.21E+6	psi	ASTM D790
Flexural Strength	36000	psi	ASTM D790
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod Impact	1.5	ft·lb/in	ASTM D256
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Deflection Temperature Under Load (264 psi, Unannealed)	420	°F	ASTM D648

