

TES J-4/30 BK

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 ¹

	Nominal Value	Unit	Test Method
Physical			
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
Mechanical			
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
Impact			
Notched Izod Impact	1.5	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	420	°F	ASTM D648
Electrical			
Surface Resistivity	5.1E+3	ohms	ASTM D257
Volume Resistivity	55	ohms·cm	ASTM D257

Additional Information

Surface Resistivity, Techmer Test Method: 100 to 10000 ohm
Volume Resistivity, Techmer Test Method: 10 to 100 ohm-cm

