

TES AC-80/GB/20/M BK

Techmer Polymer Modifiers - Acetal (POM) Copolymer

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.54		ASTM D792
Molding Shrinkage - Flow (0.125 in)	0.014	in/in	ASTM D955
Water Absorption (24 hr)	0.45	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	450000	psi	ASTM D638
Tensile Strength	7000	psi	ASTM D638
Tensile Elongation (Break)	7.5	%	ASTM D638
Flexural Modulus	450000	psi	ASTM D790
Flexural Strength	11000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.75	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	3.5E-5	in/in/°F	ASTM D696

