



APEX® RM 8001R-NT

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	234000	psi	ASTM D638
Tensile Strength (Break)	5200	psi	ASTM D638
Tensile Elongation (Break)	170	%	ASTM D638
Flexural Modulus	316000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
72°F, 0.125 in, Compression Molded	0.60	ft-lb/in	
Drop Impact Resistance ² (73°F, 0.125 in)	0.800	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	105	°F	ASTM D648

Additional Information

Gamma Stable

Notes

¹ Typical properties: these are not to be construed as specifications.

² Procedure B, Conical Dart