

APEX® RM 8002

Teknor Apex Company - Rigid Polyvinyl Chloride

Thursday, August 29, 2019

General Information

Product Description

Apex RM 8002 is a PVC compound generally used in pipe, fitting and appurtenance applications. It is available in green, grey, tan and taupe colors. This compound is NSF/ANSI 61 certified.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Medium Flow	• Medium Impact Resistance	
Agency Ratings	• NSF STD-61		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	407000	psi	ASTM D638
Tensile Strength (Break)	6730	psi	ASTM D638
Flexural Modulus	401000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	2.5	ft-lb/in	ASTM D256
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, Unannealed	155	°F	ASTM D648

Notes

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

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