



# APEX® RM 8000R1-NT

Teknor Apex Company - Rigid Polyvinyl Chloride

## General Information

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

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>2</sup>	400000	psi	ASTM D638
Tensile Strength <sup>2</sup> (Break)	6600	psi	ASTM D638
Flexural Modulus <sup>3</sup>	377000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact 73°F, 0.125 in, Compression Molded	0.78	ft·lb/in	ASTM D256
Drop Impact Resistance <sup>4</sup> (73°F)	0.880	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, 0.125 in	122	°F	ASTM D648

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 0.20 in/min

<sup>3</sup> 0.050 in/min

<sup>4</sup> Procedure A, TUP