

# APEX® RM 8201

Teknor Apex Company - Rigid Polyvinyl Chloride

Thursday, August 29, 2019

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Piping	• Plumbing Parts	
Agency Ratings	• NSF STD-61		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Injection Molding		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>2</sup>	469000	psi	ASTM D638
Tensile Strength (Break)	7190	psi	ASTM D638
Tensile Elongation (Break)	93	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact 73°F, 0.125 in, Compression Molded	1.0	ft-lb/in	ASTM D256
Drop Impact Resistance (73°F, 0.500 in)	2.53	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	82		ASTM D2240

### Additional Information

HDT: 69° C  
 Unannealed, 264 psi, 0.125 bars

HDT: 71.6° C  
 Annealed, 264 psi, 0.125 bars

Data Sheet Applies to Color(s) Listed Below:  
 Black 1 (1067822)  
 Natural (1060424)

### Notes

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

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

Revision Date: 8/9/2019

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