

# APEX® RM 9214

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	• Spas		
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>	360000	psi	ASTM D638
Tensile Strength (Break)	6100	psi	ASTM D638
Tensile Elongation (Break)	120	%	ASTM D638
Flexural Modulus <sup>3</sup>	370000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
32°F, 0.125 in, Injection Molded	6.5	ft-lb/in	
73°F, 0.125 in, Compression Molded	14	ft-lb/in	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	81		ASTM D2240

### Additional Information

Deflection Temp Under Load: Pending  
264 psi, Annealed 0.250"

Data Sheet Applies to Color(s) Listed Below:

Black 616 (1082915)

Natural (1075032)

Red 1146 (1115143)

White 1579 (1114439)

### 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

Revision Date: 8/9/2019

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