



# APEX® RM 9214

Teknor Apex Company - Rigid Polyvinyl Chloride

## General Information

### General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Asia Pacific • Latin America • North America
Features	• General Purpose • High Impact Resistance • Medium Flow
Uses	• Construction Applications • Outdoor Applications • Spas • Trays
Regulatory Statement	• Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS.
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, Injection 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: 70  
264 psi, (1.8 Mpa), Annealed 0.250"

Data Sheet Applies to Color(s) Listed Below:

Black 616 (1082915)  
Natural (1075032)  
Red 1146 (1115143)  
White 1579 (1114439)

10/19-Core  
08/20-dmm

### 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