

# APEX® RE 9203

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
Features	• High Flow		
Uses	• Outdoor Furnishings		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.44		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>2</sup> (Compression Molded)	385000	psi	ASTM D638
Tensile Strength <sup>2</sup> (Break, Compression Molded)	6500	psi	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus (Compression Molded)	390000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact 73°F, 0.125 in, Compression Molded	3.3	ft-lb/in	ASTM D256
Drop Impact Resistance <sup>3</sup> (73°F)	2.10	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	82		ASTM D2240

### Additional Information

Data Sheet Applies to Color(s) Listed Below:

Natural (1088063)

Tan 2206 (1108639)

White 1528 (1072733)

### Notes

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

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

<sup>3</sup> Procedure A, TUP

Revision Date: 8/9/2019

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