



APEX® RE 9203

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Latin America • Asia Pacific • North America
Features	• High Flow
Uses	• Outdoor Furnishings
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	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.44		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ² (Compression Molded)	385000	psi	ASTM D638
Tensile Strength ² (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			ASTM D256
73°F, 0.125 in, Compression Molded	3.3	ft-lb/in	
Drop Impact Resistance ³ (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)
White 1857 (1149190)
White 1477 (1088065)

5/2021: SP

Notes

¹ Typical properties: these are not to be construed as specifications.

² 0.20 in/min

³ Procedure A, TUP