

APEX® RE 9004

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
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.42		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	440000	psi	ASTM D638
Tensile Strength (Break)	6380	psi	ASTM D638
Tensile Elongation (Break)	140	%	ASTM D638
Flexural Modulus	380000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
73°F, 0.125 in, Compression Molded	4.0	ft-lb/in	
Drop Impact Resistance ² (73°F, 0.500 in)	1.78	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	82		ASTM D2240

Additional Information

HDT °C, Annealed: 67 (D-648)
0.125", 264 psi, 0.125 in bars

Data Sheet Applies to Color(s) Listed Below:

Black 1 (1131090)
Natural (1065645)
Orange 577 (1076766)

Notes

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

² Procedure A

Revision Date: 8/9/2019

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