

APEX® RE 9003

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	• UV Resistant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	411000	psi	ASTM D638
Tensile Strength (Break)	6160	psi	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	376000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
73°F, 0.125 in, Compression Molded	3.8	ft-lb/in	
Drop Impact Resistance ² (73°F, 0.500 in)	2.56	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:

Black 628 (1073557)
Brown 1604 (1122160)
Grey 3247 (1122452)
Natural (1073551)
White 1530 (1101450)

Notes

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

² Procedure A

Revision Date: 8/9/2019

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