



APEX® RE 9018A

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General	
Material Status	Commercial: Active
Availability	- Africa & Middle East - Asia Pacific - Latin America - North America
Features	- Good Impact Resistance - UV Resistant
Uses	Profiles
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.
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	400000	psi	ASTM D638
Tensile Strength (Break)	6000	psi	ASTM D638
Tensile Elongation (Break)	110	%	ASTM D638
Flexural Modulus ³	410000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
73°F, 0.125 in, Compression Molded	17	ft-lb/in	
Drop Impact Resistance (73°F)	5.67	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec, Hand Held)	82		ASTM D2240

Additional Information

Data Sheet Applies to Color(s) Listed Below:

Natural (1065315)
Ivory 752 (1072642)
White 1407 (1072605)

9/2020-Imo

Notes

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

² 0.20 in/min

³ 0.050 in/min