



APEX® RE 8118 NT

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• General Purpose	• High Impact Resistance	
Uses	• Packaging	• Point of Purchase	• Tubing
Agency Ratings	• FDA		
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	• Clear/Transparent		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ²	360000	psi	ASTM D638
Tensile Strength (Break)	6300	psi	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus ³	350000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	19	ft-lb/in	ASTM D256
Drop Impact Resistance (73°F, 0.500 in)	2.42	in-lb/mil	ASTM D4226
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	80		ASTM D2240

Additional Information

Data Sheet Applies to Color(s) Listed Below:

Clear (1105174)
Clear Blue 623 (1105593)
Clear Blue 809 (1094396)
Clear Blue 919 (1140048)

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Notes

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

² 0.20 in/min

³ 0.050 in/min