



APEX® RM 8118C 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	• Good Clarity • Good Impact Resistance
Uses	• Bottles • Furniture
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	• Blow Molding • Injection Molding

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	350000	psi	ASTM D638
Tensile Strength (Break)	6300	psi	ASTM D638
Tensile Elongation (Break)	96	%	ASTM D638
Flexural Modulus	380000	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, Hand Held)	77		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Annealed, 0.00492 in	151	°F	ASTM D648

Additional Information

Data Sheet Applies to Color(s) Listed Below:

Clear (1137463)
Clear Blue 886 (1137480)
Clear Blue 916 (1139820)
White 1712 (1147073)
Clear Blue 780 (1149496)

12/20- SP

Notes

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