



APEX® RM 8101R-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	• Medium Flow	• Radiation (Gamma) Resistant
Uses	• 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	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ²	335000	psi	ASTM D638
Tensile Strength ² (Break)	4830	psi	ASTM D638
Tensile Elongation (Break)	85	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact 73°F, 0.125 in, Compression Molded	1.2	ft-lb/in	ASTM D256
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:

Clear (1067839)

Clear Blue B8 (1135434)

9/2020-lmo

Notes

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

² 0.20 in/min