



APEX® RM03SCR1-03NT1G

Teknor Apex Company - Rigid Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• Bondability • BPA Free • Chemical Resistant • Combustion Resistant • Crack Resistant • Crazing Resistant • E-beam Sterilizable • Ethylene Oxide Sterilizable • Flame Retardant • Good Clarity	• Good Color Stability • Good ESCR (Stress Crack Resist.) • Good Light Transmission • Good Moldability • Good Printability • Good Strength • Halogenated • High Hardness • High Rigidity • High Stiffness	• Hydrolytically Stable • Ignition Resistant • Low to No Water Absorption • Radiation (Gamma) Resistant • Radiation Sterilizable • Self Extinguishing • Solvent Sealable (THF) • Weldable
Uses	• Disposable Hospital Goods • General Purpose • Hospital Goods	• Medical Devices • Medical Pump Seals • Medical/Healthcare Applications	• Single-Use Applications
Agency Ratings	• ISO 10993-5		
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 • Compression Molding	• Injection Blow Molding • Injection Molding	• Overmolding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	4000	psi	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec, Hand Held)	75		ASTM D2240

Additional Information

Data Sheet applies to colors listed below:

CLEAR (1114191)
CLEAR BLUE 796 (1114193)

1/2020-lmo

Notes

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