

Colorite Polymers 2019 Rigid PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Rigid Grade

Material Notes:

Description: Colorite Polymers offers a wide range of rigid vinyl compounds for extrusion and injection molding applications for the medical industry. These compounds can be formulated for the production of medical devices that require gamma or ETO sterilization (and can also be formulated to withstand the degradation and discoloration associated with ETO sterilization). These compounds are noted for their low odor and good early color characteristics. Custom color matching is also available. All of our Rigid PVC compounds offer good heat stability and high-flow characteristics for ease of processing. They are formulated to meet USP class VI approval. Complete traceability and lot identification of all compounds are maintained in our ISO 9002 manufacturing facility. Information provided by Colorite Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Colorite-Polymers-2019-Rigid-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	76	76	ASTM D2240
Tensile Strength, Ultimate	45.5 MPa	6600 psi	ASTM D638
Izod Impact, Notched	11.7 J/cm	22.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	72.2 °C	162 °F	ASTM D648

Descriptive Properties	Value	Comments
Color/Clarity	Clear Blue Tint	
End Uses	Exterior Parts	
Process Type	Injection Blow Molding	

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