

Fainplast Compounds ART 20 Rigid PVC, Atoxic for General Purpose

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

Material Notes:

Transparent bottles medium/high antishock

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-ART-20-Rigid-PVC-Atoxic-for-General-Purpose.php

Physical Properties	Metric	English	Comments
Density	1.32 - 1.36 g/cc	0.0477 - 0.0491 lb/in ³	ISO R 1184

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	43.0 MPa	6240 psi	ISO R 527
Tensile Strength, Yield	43.0 MPa	6240 psi	ISO R527
Elongation at Break	140 %	140 %	ISO R 527
Izod Impact, Unnotched	5.80 - 6.20 J/cm @Temperature 23.0 °C	10.9 - 11.6 ft-lb/in @Temperature 73.4 °F	ISO R180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	75.0 - 77.0 °C @Load 5.00 kg	167 - 171 °F @Load 11.0 lb	ISO R306

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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