

Kleerdex Kydex® P26 Acrylic/PVC Extrusion Compound (discontinued **)

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Vinyl (PVC) , PVC/Acrylic Alloy

Material Notes:

High impact profile extrusion compoundApplications: Extruded profiles for recreational equipment, medical equipment, business equipment, profiles for use in the interior of commercial aircraft.Features: P26 is extremely resistant to cracking and abuse. Extruded profiles made with P26 are extremely resistant to harsh chemicals and solvents and to cleaning agents. P26 offers excellent fire retardancy including UL Std 94 V-0 and 5V ratings and FAA flammability compliance.Data provided by the Kleerdex Company.Kleerdex Company became KYDEX, LLC in 2009.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kleerdex-Kydex-P26-AcrylicPVC-Extrusion-Compound-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	45.0 MPa	6530 psi	ASTM D638
Elongation at Break	189 %	189 %	ASTM D638
Flexural Yield Strength	62.0 MPa	8990 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	8.00 J/cm @Thickness 3.17 mm	15.0 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	71.0 °C	160 °F	annealed; ASTM D648
Flammability, UL94	V-0	V-0	V-0, 5V; UL Standard 94

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