

Aclon™ 3280

Polychlorotrifluoroethylene
Honeywell

Message:

ACLON (TM) 3280 is a fluoropolymer resin consisting of a poly-chlorotrifluoroethylene copolymer resin. Aclon™ resin provides the highest moisture barrier of any clear thermoplastic resins. In addition to good processibility, Aclon™ resins offer superior chemical resistance, outstanding electrical properties and low temperature crack resistance.

General Information			
Features	Copolymer		
	Workability, good		
	Good electrical performance		
	Good cracking resistance		
	Good chemical resistance		
	Barrier resin		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	2.10	g/cm ³	ISO 1183
Apparent Density	0.80	g/cm ³	ISO 60
Films	Nominal Value	Unit	Test Method
Water Vapor Transmission Rate (25 μm, 38°C, 100% RH)	0.47	g · mm/m ² /atm/24 hr	ASTM F1249
Thermal	Nominal Value	Unit	Test Method
Peak Crystallization Temperature (DSC)	190 - 200	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Haze (25.4 μm)	< 1.0	%	ASTM D1003
Additional Information			
Bulk Density, ISO 60: 40 to 60 lb/ft ³ Zero Strength, ASTM D1430, 150 to 250 sec			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT