Solvay Specialty Polymers Hyflon® AD 40H Perfluoropolymer

Category : Polymer , Thermoplastic , Fluoropolymer , TFE/Perfluoromethylvinylether Copolymer (MFA)

Material Notes:

Hyflon® AD 40H is an amorphous perfluoro-polymer available in powder form. Hyflon® AD polymers resemble semicrystalline perfluoropolymers in their performance properties as they exhibit high temperature stability, excellent hydrophobicity and chemical resistance as well as very low surface energy. Key distinctive feature of Hyflon AD polymers is that they are soluble in selected solvents. In particular, their high solubility in perfluorinated solvents and their low solution viscosities make them suitable for solution process technologies.Hyflon® AD can provide uniform and thin films or coatings (down to submicron thicknesses if required) by casting or coating techniques and thermal treatments, well below the typical baking temperatures of semicrystalline perfluoro-polymers.Features: Amorphous; Good Chemical Resistance; Good Thermal StabilityUses: Coating Applications; FilmAdditional Properties: Intrinsic Viscosity - ASTM D2857 (30Â°C): 1.3 dl/gInformation provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Hyflon-AD-40H-Perfluoropolymer.php

Physical Properties	Metric	English	Comments
Density	1.98 g/cc	0.0715 lb/inÂ³	ASTM D792

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	90.0 Â°C	194 Â°F	ASTM E1356

Optical Properties	Metric	English	Comments
Refractive Index	1.331	1.331	ASTM D542

Descriptive Properties	Value	Comments
Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	Latin America	
	North America	
Form	Powder	
Processing Technique	Coating; Solution Processing	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com