

# DISTRUMID 6 GF30

Polyamide 6

Distrupol

Message:

DISTRUMID 6 GF30 is a polyamide 6 (nylon 6) material. This product is available in Europe. The main characteristics of DISTRUMID 6 GF30 are: flame retardant/rated flame.

General Information				
Forms		Particle		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.35	--	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.35	--	%	ASTM D955
Water Absorption (24 hr)	0.90	--	%	ASTM D570
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	122	113		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (Ultimate)	170	100	MPa	ASTM D638
Tensile Elongation (Break)	3.5	4.5	%	ASTM D638
Flexural Modulus	9000	4800	MPa	ASTM D790
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, not annealed	215	--	°C	ASTM D648
1.8 MPa, not annealed	205	--	°C	ASTM D648
Vicat Softening Temperature	210	--	°C	ASTM D1525
Melting Temperature	222	--	°C	
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+13	1.0E+11	ohms	ASTM D257
Volume Resistivity	1.0E+15	1.0E+11	ohms·cm	ASTM D257
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating	HB	--		UL 94
Additional Information				

干燥

Continuous Service Temperature, S.P., No Stress: 120 °CResistance to Tracking, VDE 0303/1: KC>500 V

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

