

# Huaxia Shenzhou DS600-A

Perfluoroethylene Propylene Copolymer  
Shandong Huaxia Shenzhou New Material Co., Ltd.

Message:

Fluorinated ethylene-propylene (FEP) resin, as a copolymer of tetrafluoroethylene and hexafluoropropylene, has good heat stability, outstanding chemical inertness, excellent electrical insulation and low friction coefficient, and can be processed by a thermoplastic processing method.

Execution standard: Q/DYS 003-2007

General Information		
Features	Copolymer	
	Electrically Insulating	
	General Purpose	
	Good Chemical Resistance	
	Good Thermal Stability	
	Low Friction	
Uses	Film	
	General Purpose	
	Insulation	
	Piping	
	Wire & Cable Applications	
Appearance	Translucent	
Processing Method	Extrusion	
Physical	Nominal Value	Unit
Specific Gravity	2.14 to 2.16	g/cm <sup>3</sup>
Melt Mass-Flow Rate (MFR)	4.1 to 8.0	g/10 min
Volatile Matter	< 0.10	%
Mechanical	Nominal Value	Unit
Tensile Strength	> 21.0	MPa
Tensile Elongation (Break)	> 300	%
Thermal	Nominal Value	Unit
Peak Melting Temperature	255 to 275	°C
Electrical	Nominal Value	
Dielectric Constant (1 MHz)	< 2.15	
Dissipation Factor (1 MHz)	< 7.0E-4	

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