Partwell Group
Flexible Thinking, Cutting Edge

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PLASTIC SHEET PTFE 50% S/S FILLED

POLYTETRAFLUOROETHYLENE 50% STAINLESS STEEL FILLED

Technical Data Sheet

PHYSICAL PROPERTIES			
Specific Gravity	ASTM D792	g/cm³	3.38
Ultimate Tensile Strength	ASTM D4894	M/Pa	14
Elongation CD	ASTM D4894	%	170
Hardness	ASTM D2240	Shore D	61.5
		°C	-200
Service Temperature		°C	+260
Moisture Absorption	ASTM D570	%	0
Melting Point		°C	325-335
Friction Co efficient	ASTM D1894		0.15

FURTHER INFORMATION

ELECTRICAL PROPERTIES			
Volume Resistivity	ASTM D257	Ω	
THERMAL PROPERTIES			
Flammability	UL94	%	V-0

PRESS CUTTING TECHNOLOGY | DIE MAKING SUPPLIES | PLASTIC ENGINEERING | FOOD RELATED PRODUCTS

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Plastic Engineering Specialists:

DESIGN ASSISTANCE | 3D SOFTWARE | CNC ENGINEERING PLASTICS | 5-AXIS CNC TECHNOLOGY
WATER JET CUTTING | RAPID PROTOTYPING | ANY VOLUME PRODUCTION | INDUSTRIAL PLASTIC STOCKIST