



TECNOLOGICPLAST, S.L.

Distribución de termoplásticos

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PPS Resin

PPS RS-1340 Black (GF40% pellet)

Property	Test Method (ASTM)	Conditions	Unit		Product Specification
Mechanical Properties					
Tensile strength	D-638	-----	Mpa		130
Tensile elongation at break	D-638	-----	%		<5
Flexural strength	D-790	-----	kg/cm ²		1900
Flexural modulus	D-790	-----	kg/cm ²		115000
Izod impact strength	D-256	V-notch 1/8" 23°C, 3.2mm	kg-cm/cm J/m lbf/in ²		4-5 39-49 0.7-0.9
Rockwell hardness	D-785	R scale	-----		122
Thermal Properties					
Heatdistortion temperature	D-648	1.82Mpa	°C		260
Linear Thermal Exp.	D-696	(-30÷100°C)	°C		
Electrical Properties					
Volume resistivity	D-257	-----	Ω cm		
Arc resistance	D-495	-----	sec		
Dielectric constant	D-150	10 ⁶ Hz	-----		
Other Properties					
Melt Flow Index	D-1238	300C, 5 kgs	g/10 min		50
Mold Shrinkage	D-955		%		0.15
Specific Gravity (Density)	D-792	-----	-----		1.66
Water absorption	D-570	23°C	%		
Flammability	UL-94	-----	-----		V-0 (Equiv.)
Continuous service temp.	In. method		°C		220

All data contained herein are believed to be correct and are given in good faith. No liability is accepted for the accuracy or completeness of such information.

Kotec Corporation