



Component - Plastics

File Number: E41797

TORAY INDUSTRIES INC
NIHONBASHI-MITSUI TOWER
1-1 NIHONBASHI-MUROMACHI 2-CHOME
CHUO-KU, TOKYO 103-8666 Japan



Torelina: A503

Polyphenylene Sulfide (PPS), pellets

NOTE - Polyamide (nylon) grades may be prefixed with the letters CM and may employ hyphens in various locations. The designations of ECODEAR products may employ hyphens and/or spaces in various locations. All grades that include ABS, SAN, and/or PC (designations of TOYOLAC or TOYOLACPAREL or TORAYCA products) may employ hyphens and/or spaces and may be suffixed with 3 or 4 digits of letters and/or numbers.

Flammability	Value	Test Method
Flame Rating		UL 94
0.35 mm, NC, BK	V-0	IEC 60695-11-10, -20
0.75 mm, NC, BK	V-0	
1.5 mm, NC, BK	V-0	
3.0 mm, NC, BK	V-0	
Electrical	Value	Test Method
Dielectric Strength	27 kV/mm	ASTM D149
Volume Resistivity	1.0E+12 ohms·cm	ASTM D257 IEC 60093
Thermal	Value	Test Method
RTI Elec		UL 746B
0.35 mm	160 °C	
0.75 mm	200 °C	
1.5 mm	220 °C	
3.0 mm	220 °C	
RTI Imp		UL 746B
0.75 mm	180 °C	
1.5 mm	190 °C	
3.0 mm	200 °C	
RTI Str		UL 746B
0.35 mm	200 °C	
0.75 mm	200 °C	
1.5 mm	200 °C	
3.0 mm	210 °C	