

➤ High viscosity, Solid state polymerization type

PROPERTY	TYPICAL DATA	UNIT	METHOD
<b>PHYSICAL</b>			
Specific gravity	1.08	-	ASTM D792
Water absorption 24 hours, 23°C	0.2	%	ASTM D570
<b>MECHANICAL</b>			
Tensile strength	550	kg/cm <sup>2</sup>	ASTM D638
Tensile elongation	100		
%	ASTM D638		
Flexural strength	780	kg/cm <sup>2</sup>	ASTM D790
Flexural modulus	22,000	kg/cm <sup>2</sup>	ASTM D790
IZOD impact strength, 1/8"	75	kg cm/cm	ASTM D256
Hardness, Rockwell	115	R scale	ASTM D785
<b>THERMAL</b>			
HDT: 4.6 kg/cm <sup>2</sup>	102	°C	ASTM D648

Coefficient of linear thermal expansion	7.3 X 10 <sup>-5</sup>	mm/mm/°C	ASTM D696
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### ELECTRICAL

Volume resistivity(X 10 <sup>16</sup> )	5.0	ohm-cm	ASTM D257
Dielectric strength	25	KV/mm	ASTM D149
Dielectric constant 10 <sup>6</sup> HZ	3.0	-	ASTM D150
Dissipation factor 10 <sup>6</sup> HZ	0.009	-	ASTM D150
ARC resistance	123	sec	ASTM D495

### OTHERS

Flammability, 1/16"	HB	-	UL 94
Mold shrinkage 3mmt	0.5 ~ 0.7	%	ASTM D955

These property values shown are average values that can be expected from typical manufacturing lots and are not intended for specific purpose. All data subject to standard disclaimer.