



> High flow

PROPERTY	TYPICAL DATA	UNIT	METHOD
PHYSICAL			
Specific gravity	1.3	-	ASTM D792
Water absorption: 24 hours, 23°C	0.1	%	ASTM D570
MECHANICAL			
Tensile strength	560	kg/cm ²	ASTM D638
Tensile elongation	>100	%	ASTM D638
Flexural strength	820	kg/cm ²	ASTM D790
Flexural modulus	23,000	kg/cm ²	ASTM D790
IZOD impact strength, 1/8"	7	kg cm/cm	ASTM D256
Hardness, Rockwell	118	R scale	ASTM D785

THERMAL

Melt temperature	226	°C	-
HDT: 4.6 kg/cm ²	165	°C	ASTM D648
HDT: 18.6 kg/cm ²	60	°C	ASTM D648
Coefficient of linear thermal expansion	9	mm/mm/°C	ASTM D696

ELECTRICAL

Volume resistivity(X 10 ¹⁶)	10 ¹⁶	ohm-cm	ASTM D257
Dielectric strength	17	KV/mm	ASTM D149
Dielectric constant: 10 ⁶ HZ	3.2	-	ASTM D150
Dissipation factor: 10 ⁶ HZ	0.02	-	ASTM D150
ARC resistance	180	sec	ASTM D495

OTHERS

Flammability, 1/16"	HB	-	UL 94
Mold shrinkage, 3mmt	1.4~2.2	%	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.