

PRODUCT DATA SHEET

LEXPRENE EPP-G20

■ Description : Polypropylene Glass fiber 20% reinforced

■ Application : Automobile , Electrical and Electronics Hosing

General properties	Typical value	Unit	Test method
Specific Gravity	1.04	g/cm ³	ASTM D 792
Melt flow rate ,@230°C, 2.16kgf	9.5	g/10min	ASTM D 1238
Mold Shrinkage	0.24 ~ 0.26 %	% (2.4~2.6/1,000)	Polylex method
Mechanical properties			
Izod impact strength, 1/4"notched @+23°C	8.2	kgf.cm/cm	ASTM D 256
Tensile stress, @ yield, 50 mm/min	750	kgf /cm ²	ASTM D 638
Tensile strain, @ break, 50 mm/min	3	%	ASTM D 638
Flexural strength, @yield, 2.8mm/min	950	kgf /cm ²	ASTM D 790
Flexural modulus, @yield, 2.8mm/min	41,000	kgf /cm ²	ASTM D 790
Thermal properties			
Deflection temperature @ 4.6kgf/cm ² ,6.4mm	160	°C	ASTM D 1525

* The above values are for the representatives