

HI-PRENE[®] Modified PP

Flame-retardant Grade

MU40 (YM) (NO.LF-P030)

Flame-retardant Grade For Injection Molding

Description

Excellent Flame-retardant characteristics.
High heat-resistant characteristics.

Applications

Electric Articles(TV, Dryer, Washing Machine, VTR, Electric Fan)

Resin Properties	Test Method	Condition	Typical Values ¹	
	(based on)			
Physical				
Specific Gravity	ASTM D-792	—	0.97	
Mold Shrinkage(MD/TD)	ASTM D-955	—	1.4~1.7%	
Mechanical				
Tensile Strength at yield	ASTM D-638	—	280Kgf/cm ²	27MPa
Elongation at break	ASTM D-638	—	250%	250%
Flexural Modulus	ASTM D-790	—	13,000Kgf/cm ²	1,270MPa
Notched Izod Impact strength	ASTM D-256	23°C	9.0Kg.cm/cm	88J/m
Rockwell Hardness	ASTM D-785	R-Scale	88	88
Thermal				
Melt Index	ASTM D-1238	230°C/2.16Kg	9.0g/10min	
Heat Deflection Temperature	ASTM D-648	66psi	105°C	
Flammability				
Flammability	UL 94	0.84mm	V-1	
Flammability	UL 94	1.5mm	V-0	
Flammability	UL 94	3.0mm	V-0	

1.Values given are typical and should not be interpreted as specification.