

Technical Datasheet G 144

:Product Description

G-144 is a medium strength, good flow general purpose polystyrene mainly for injection molding. It is particularly useful for blend with high impact polystyrene in heat contact applications

:Applications

.G-144 is useful to home electric parts, toys and miscellaneous goods etc

Typical data

Property	Test method	Unit	value
Tensile Strength at Yield	ASTM D 638	MPa	47
Elongation	ASTM D 638	%	2
Flexural Strength	ASTM D 790	MPa	78
Flexural modulus	ASTM D 790	MPa	3.4.
Izod impact strength	ASTM D 256	J/m	16.7
Rockwell hardness	ASTM D 785	-	100
Melt flow index	ASTM D 1238	g/10 min	8.5
.Vicat softening temp	ASTM D 1525	°C	96
Mold shrinkage	ASTM D 955	%	0.4~0.7
Specific gravity	ASTM D 792	-	1.04
water absorption	ASTM D 570	%	0.3
Flammability	UL 94	class	HB