

MELT - 6

DENSITY - 1.04

SGS-060 is a certified prime grade general purpose polystyrene resin designed for injection molding requiring a good balance of flow, strength & set up. **SGS-060** has a melt temperature range of 375 to 525°F with Mold at 100 to 180°F.

Features:

- Good balance of flow, strength & set-up

Typical Applications:

- Consumer electronics
- Housewares
- Cosmetic packaging

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D792		1.04
Melt MassFlow Rate (200°C/5.0 kg)	D1238	g/10 min	6
MECHANICAL			
Tensile Modulus	D638	psi	460k
Tensile Strength @ Yield (73°F)	D638	psi	6800
Tensile Elongation (Break)	D638	%	2
Flexural Modulus	D790	psi	480k
Flexural Strength (73°F)	D790	psi	140k
Notched Izod Impact (73°F)	D256	ft-lb/in	0.4
Rockwell Hardness	D785	M Scale	76
HDT (1.9 MPa, Annealed)	D648	°F	202
Vicat Softening Temperature	D1525	°F	222