

SCG PP

PP

P838C

Product information	
Part Marking Code	PP
Material Shape	Pellets
Process	Extrusion molding * Compression Molding * Coating
Polymer	Copolymer
Material Attribute	Food contact grade Coating grade
Features	Balanced stiffness/Impact * Good adhesion resin * Good processability
Application	Intermediate bulk containers(IBC) * Laminates * Tarpaulins * BOPP film * Woven bags * Extrusion coating applications

Optical performance	Standard	Value	Unit
Gloss	ASTM D2457	38	%
Haze	ASTM D1003	9.6	%
Mechanical behavior	Standard	Value	Unit
Elongation	ASTM D638	216	%
Flexural Modulus	ASTM D790	11260	kg/cm ²
Tensile Strength	ASTM D638	280	kg/cm ²
Tensile Strength	ASTM D638	174	kg/cm ²
Thermal	Standard	Value	Unit
Melting Temperature	ASTM D2117	157	°C
Vicat Softening Temperature	ASTM D1525	141	°C
Physical property	Standard	Value	Unit
Density	ASTM D1505	0.9125	g/cm ³
Melt Index		26	g/10min