

SKYPEL® G130D

Thermoplastic Polyester Elastomer

SK Chemicals

General		
Material Status	• Commercial: Active	
Availability	• Asia Pacific	• North America
Forms	• Pellets	

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/2.16 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	ASTM D955
Water Absorption (24 hr)	0.80	%	ASTM D570

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Break	21.6	MPa	
5.0% Strain	0.588	MPa	
10% Strain	1.77	MPa	
Tensile Elongation (Break)	900	%	ASTM D638
Flexural Modulus	27.5	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	30		ASTM D2240

Thermal	Nominal Value	Unit
Melting Temperature	174	°C

Additional Information
Resilience, ASTM D2632: 72%
Tear Strength, ASTM D1004: 95 kN/m

Notes

¹ Typical properties: these are not to be construed as specifications.

