

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/cm³	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			