TECHNICAL DATA SHEET

SKYPEL G130D

SK Chemicals

TPE

Processing

Injection molding, Film extrusion, Pipe/tube extrusion, Sheet extrusion, Wire/cable extrusion, Other extrusion

Delivery Form

Pellets

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Features

Color stability, Creep resistance, Fatigue resistance, Thermal stability

Applications

Automotive, Electrical and electronical

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	17	g/10min	ASTM D 1238
Temperature	220	°C	
Load	2.16	kg	

Mechanical Properties	Value	Unit	Standard
Tensile strength at break	21.6	MPa	ASTM D 638
Elongation at break	900	%	ASTM D 638
Shore D hardness	30		ASTM D 2240

Thermal Properties	Value	Unit	Standard
Melting temperature	174	°C	ASTM D 3418

Other Properties	Value	Unit	Standard
Density	1070	kg/m³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Standard
Pre-drying - temperature	100	°C	
Pre-drying - time	2 - 3	h	
Mold temperature	25	°C	
Zone 1	180 - 185	°C	
Zone 2	190 - 195	°C	
Zone 3	190 - 195	°C	

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Processing Recommendation Injection Molding	Value	Unit	Standard
Nozzle temperature	195 - 200	°C	

Processing Recommendation Extrusion	Value	Unit	Standard
Pre-drying - temperature	100	°C	
Pre-drying - time	2 - 3	h	
Melt temperature	190 - 195	°C	
Zone 1	170 - 175	°C	
Zone 2	180 - 185	°C	
Zone 3	185 - 190	°C	
Nozzle temperature	185 - 190	°C	