

TECHNICAL DATA SHEET

SKYPEL G240D

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	8	g/10min	ASTM D 1238
Temperature	220	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Tensile strength at break	25	MPa	ASTM D 638
Elongation at break	670	%	ASTM D 638
Shore D hardness	40		ASTM D 2240
Thermal Properties	Value	Unit	Standard
Melting temperature	191	°C	ASTM D 3418
Other Properties	Value	Unit	Standard
Density	1100	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding	Value	Unit	Standard
Pre-drying - temperature	100	°C	
Pre-drying - time	2 - 3	h	
Mold temperature	35	°C	
Zone 1	205 - 210	°C	
Zone 2	210 - 215	°C	
Zone 3	210 - 215	°C	

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Processing Recommendation Injection Molding	Value	Unit	Standard
Nozzle temperature	215 - 220	°C	

Processing Recommendation Extrusion	Value	Unit	Standard
Pre-drying - temperature	100	°C	
Pre-drying - time	2 - 3	h	
Melt temperature	215 - 220	°C	
Zone 1	190 - 195	°C	
Zone 2	205 - 210	°C	
Zone 3	210 - 215	°C	
Nozzle temperature	210 - 215	°C	