

KEYFLEX BT 3038D

TPC

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	22.6	MPa	ASTM D 638
Elongation at Break	700	%	ASTM D 638
Shore A Hardness	80	-	ASTM D 2240
Shore D Hardness	35	-	ASTM D 2240
Izod Impact notched, 1/4 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	N	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	205	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	600	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.01	%	-
Melt temperature	205 - 235	°C	-
Mold temperature	20 - 40	°C	-
Zone 1	205 - 225	°C	-
Zone 2	215 - 235	°C	-
Zone 3	220 - 240	°C	-
Nozzle temperature	220 - 240	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.01	%	-
Melt temperature	205 - 235	°C	-
Zone 1	205 - 225	°C	-
Zone 2	210 - 230	°C	-
Zone 3	215 - 235	°C	-
Zone 4	215 - 235	°C	-
Nozzle temperature	205 - 245	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Soft Feel

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific, South and Central America