Softell CA7469A

Advanced Polyolefin

Product Description

Softell CA 7469 A is a reactor TPO (thermoplastic polyolefin) manufactured using the LyondellBasell's proprietary *Catalloy* process technology.
It is used for the extrusion and calendering processes for applications such as TPO skins, W&C and technical compounds. It is also utilized as building block in TPE and TPV compounds.
Softell CA 7469 A exhibits low stiffness, low gloss, low hardness and good impact resistance.
The grade is available in natural pellet form.
For regulatory compliance information please refer to *Softell* CA 7469 A Product Stewardship Bulletin (PSB)

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Extrusion Compounding, Calandering
Features	Good Flexibility, Low Temperature Flexibility, Low Gloss, Low Hardness , Medium Heat Resistance , Low Temperature Impact Resistance
Typical Customer Applications	Automotive Parts, Building and Construction, Impact modification, Instrument Panels, Soft Profile & Sheets, TPO Foils and Skins, Wire & Cable

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	0.88	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	0.5	g/10 min
Mechanical			
Tensile Stress at Break	ISO 527-1, -2	7	MPa
Tensile Strain at Break	ISO 527-1, -2	> 400	%
Flexural modulus	ISO 178	120	MPa
Impact			
Notched izod impact strength (- 40°C)	ISO 180	70	kJ/m²
Hardness			
Shore hardness (Shore A)	ISO 868	86	
Thermal			
Melting temperature	DSC	145	°C
Note: ISO 11357-3			
Optical			
Gloss (45°, 50 µm)	ASTM D 2457	4	%

Notes

Typical properties; not to be construed as specifications.