

Softell CA 7413 A

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Softell CA 7413 A is a reactor TPO (thermoplastic polyolefin) manufactured using the LyondellBasell' s proprietary Catalloy process technology. It is suitable for the extrusion, calendering and extrusion blow moulding of very soft film and sheet as well as for injection moulded parts. Softell CA 7413 A exhibits outstanding low stiffness, excellent low hardness and very good impact resistance. Softell CA 7413 A shows high compatibility to fillers and flame retardant additives as well as to other polyolefins. The grade is available in natural pellet form. For regulatory compliance information, please refer to Softell CA 7413 A Product Stewardship Bulletin (PSB)

General Information			
Features	Good Flexibility		
	Good Impact Resistance		
	High ESCR (Stress Crack Resist.)		
	Low Hardness		
	Low Temperature Impact Resistance		
	Medium Heat Resistance		
	Soft		
Uses	Compounding		
	Film		
	Industrial Applications		
	Plastics Modification		
	Profiles		
	Seals		
	Sheet		
Forms	Wire & Cable Applications		
	Pellets		
Processing Method	Calendering		
	Compounding Extrusion		
	Extrusion		
	Extrusion Blow Molding		
	Injection Molding		
	Wire & Cable Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.870	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.8	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method

Shore Hardness (Shore A)	76		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	8.00	MPa	ISO 527-2
Tensile Strain (Break)	> 600	%	ISO 527-2
Flexural Modulus	20.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	41.0	°C	ISO 306/A50
Melting Temperature	141	°C	ISO 11357-3

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