

Delon 4040

Thermoplastic Elastomer, Ether-Ester
Shanghai Lin Gen Rubber Materials Co., Ltd.

Message:

Delon 4040 is a thermoplastic elastomer, ether-ester (TEE) material. This product is available in the Asia-Pacific region and is processed by blow molding, extrusion or injection molding.

The main features of Delon 4040 are:

- chemical resistance
- High Toughness
- Copolymer
- Good processability
- Creep resistance

Typical application areas include:

- Wire and cable
- engineering/industrial accessories
- Sealing applications
- Automotive Industry
- container

General Information		
Features	Block Copolymer	
	Ultra high toughness	
	High elasticity	
	Workability, good	
	Good creep resistance	
	Good chemical resistance	
	Oil resistance	
Uses	Wire and cable applications	
	Piping system	
	Seals	
	Accessories	
	Application in Automobile Field	
	Container	
Processing Method	Blow molding	
	Extrusion	
	Injection molding	
Physical	Nominal Value	Unit
Specific Gravity	1.12	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	40	
Mechanical	Nominal Value	Unit

Flexural Modulus	48.0	MPa
Elastomers	Nominal Value	Unit
Tensile Strength (Yield)	14.0	MPa
Tensile Elongation (Break)	550	%
Tear Strength	92.0	kN/m
Thermal	Nominal Value	Unit
Brittleness Temperature	-70.0	°C
Vicat Softening Temperature	100	°C
Melting Temperature	192	°C
Injection	Nominal Value	Unit
Drying Temperature	80 - 110	°C
Drying Time	4.0 - 6.0	hr
Mold Temperature	20 - 50	°C
Injection Pressure	60.0 - 100	MPa

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