

Daelim Po1y® VL0003 Shoe Sole

Ethylene-based Plastomer
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®VL0003 Shoe Sole is a vinyl plastic product. It is available in Europe or Asia Pacific. Daelim Po1y®VL0003 Shoe Sole's application areas include consumer goods and food contact applications.

Features include:

- Good processability
- Antioxidants
- Good tear strength
- Wear-resistant
- Heat resistance

General Information			
Additive	Antioxidation		
Features	Low density		
	Antioxidation		
	Workability, good		
	Good heat aging resistance		
	Good tear strength		
	Good wear resistance		
	The smell is low to none		
Uses	Footwear		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Molded	86		ASTM D2240
Shore D, Molded	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Compression Molded)	30.4	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	800	%	ASTM D638
Flexural Modulus (Compression Molded)	68.6	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	73.5	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	82.0	°C	ASTM D1525

Peak Melting Temperature	86.0 - 97.0	°C	ASTM D3418
Injection	Nominal Value	Unit	
Processing (Melt) Temp	90 - 100	°C	

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