

Huaфон HF-1098A

Thermoplastic Polyurethane Elastomer (Polyester)

Huaфон Group Co., Ltd.

Message:

Operation: Injection molding

Characteristics: Excellent physical properties, Abrasion resistance, Low temperature flexibility

Applications: Safety shoe sole, Accessories, Over-molding, Compounding, Footwear, Cell-phone cover, Castor, Protective gear, Automotive etc.

General Information	
Features	Good Abrasion Resistance
	Low Temperature Flexibility
Uses	Automotive Applications
	Compounding
	Footwear
	Overmolding
Processing Method	Compounding
	Injection Molding

Hardness	Nominal Value		Test Method
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion	95	mm ³	DIN 53516
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	18.0	MPa	ASTM D412
Tensile Strength	40.0	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength	234	kN/m	ASTM D624

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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