

# Huaфон HF-3685A

Thermoplastic Polyurethane Elastomer (Polyester)

Huaфон Group Co., Ltd.

Message:

Operation: Injection molding  
Characteristics: Excellent physical properties, Abrasion resistance, Easy processing, Fast de-molding, Cold/Heat resistance, Great transparency  
Applications: (Transparent) Footwear, Sealing ring, Accessories, Protective gear, Cell-phone cover, Automotive, Compounding

General Information	
Features	Good Abrasion Resistance Good Processability High Clarity Low Temperature Resistant Medium Heat Resistance
Uses	Automotive Applications Compounding Footwear Safety Equipment
Appearance	Clear/Transparent
Processing Method	Compounding Injection Molding

Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion	120	mm <sup>3</sup>	DIN 53516
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	7.00	MPa	ASTM D412
Tensile Strength	32.0	MPa	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Tear Strength	140	kN/m	ASTM D624

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