

Huaфон HF-1090A

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 A) | 91 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Abrasion | 80 | mm ³ | DIN 53516 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 9.00 | MPa | ASTM D412 |
| Tensile Strength | 32.0 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 550 | % | ASTM D412 |
| Tear Strength | 134 | kN/m | ASTM D624 |

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