

Huaфон HF-4390A

Thermoplastic Polyurethane Elastomer (Polyether)

Huaфон Group Co., Ltd.

Message:

Operation: Injection molding, Extrusion, Calendering
Characteristics: Excellent hydrolytic resistance, Bacteria resistance, Low temperature elastic, Aging resistance
Applications: Tube & hose, Fabric coating, compounding, Film, Fire hose, Animal ear tag, Accessories, etc.

| General Information | |
|---------------------|----------------------|
| Features | Bacteria Resistant |
| | Hydrolysis Resistant |
| Uses | Compounding |
| | Fabric Coatings |
| | Film |
| | Hose |
| | Molded Ear Tags |
| | Tubing |
| Processing Method | Calendering |
| | Compounding |
| | Extrusion |
| | Injection Molding |

| Hardness | Nominal Value | | Test Method |
|------------------------------|---------------|-----------------|-------------|
| Durometer Hardness (Shore A) | 90 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Abrasion | 65 | mm ³ | DIN 53516 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 10.5 | MPa | ASTM D412 |
| Tensile Strength | 30.0 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 500 | % | ASTM D412 |
| Tear Strength | 100 | kN/m | ASTM D624 |

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