# Tuftec™ H1141

Styrene Ethylene Butylene Styrene Block Copolymer

AKelastomers

## Message:

Di-/tri-block polymer structure obtained by advanced coupling technology; di-block providing good flowability, and tri-block providing a superior balance of performance characteristics. It is supplied in pellet form.
Olefinic resins modifier, for high impact strength. Compatibilizer. Adhesives and sealants component.

| General Information | | | |
|---|---|---|---|
| Features | High Flow<br>High Impact Resistance | | |
| Uses | Adhesives<br>Sealants | | |
| Forms | Pellets | | |
| **Physical** | **Nominal Value** | **Unit** | **Test Method** |
| Specific Gravity | 0.910 | g/cm³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) | | | ASTM D1238 |
| 190°C/2.16 kg | 22 | g/10 min | |
| 230°C/2.16 kg | 140 | g/10 min | |
| **Hardness** | **Nominal Value** | **Unit** | **Test Method** |
| Durometer Hardness (Shore A) | 84 | | JIS K6253 |
| **Mechanical** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Modulus - 300% Secant | 2.80 | MPa | JIS K6251 |
| Tensile Strength (Yield) | 2.70 | MPa | JIS K6251 |
| Tensile Elongation (Break) | 520 | % | JIS K6251 |
| **Aging** | **Nominal Value** | **Unit** | **Test Method** |
| Change in Tensile Stress (120°C, 168 hr) | 0.0 | % | ISO 188 |
| Change in Tensile Strain at Break (120°C, 168 hr) | -3.0 | % | ISO 188 |



Recommended distributors for this material

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