

Polyflam HP0362V2CSLB14755BUE

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

Polyflam HP0362V2CSLB14755BUE is a Polypropylene Homopolymer material.

General

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|----------|-------------------|
| Additive | • Flame Retardant |
| Features | • Flame Retardant |
| Forms | • Pellets |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|----------|-------------|
| Density / Specific Gravity | 0.990 | | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 5.0 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 232000 | psi | ASTM D638 |
| Tensile Strength (Yield) | 5370 | psi | ASTM D638 |
| Tensile Strength (Break) | 2900 | psi | ASTM D638 |
| Tensile Elongation (Yield) | 8.0 | % | ASTM D638 |
| Tensile Elongation (Break) | 40 | % | ASTM D638 |
| Flexural Modulus | 232000 | psi | ASTM D790 |
| Flexural Strength | 6240 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 0.94 | ft·lb/in | ASTM D256 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 94 | | ASTM D785 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (66 psi, Unannealed) | 196 | °F | ASTM D648 |
| Deflection Temperature Under Load 264 psi, Unannealed | 131 | °F | ASTM D648 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating (0.06 in) | V-0 | | UL 94 |