



HIVAL® 5112

Ashland Inc.-General Purpose Polystyrene

Tuesday, 28 December 2010

General Information

General

| | |
|-----------------|---------------------|
| Material Status | • Commercial:Active |
| Availability | • North america |
| Features | • Crystal |
| Uses | • General purpose |
| Forms | • Pellets |

ASTM and ISO properties¹

| Physical | Nominal | Value | Unit | Test Method |
|---------------------------------------|---------|--------|----------|-------------|
| Specific gravity | | 1.05 | | ASTM D792 |
| Melt mass-flow rate(MFR)(200°C/50.kg) | | 8.0 | g/10min | ASTM D1238 |
| Mechanical | Nominal | Value | Unit | Test Method |
| Tensile Strength(Yield) | | 6450 | psi | ASTM D638 |
| Flexural Modulus | | 413000 | psi | ASTM D790 |
| Impact | Nominal | Value | Unit | Test method |
| Notched izod impact | | 0.3 | ft·lb/in | ASTM D256 |

Notes

¹ Typical properties:these are not to be construed as specifications.