

TECHNICAL DATASHEET



Polyamide 6

SN1330BSS15

| Physical | Typical Value | Unit | Test Method |
|-----------------------|---------------|-------------------|----------------|
| Density | 1.23 | kg/m ³ | ISO 1183 |
| Shrinkage | 0.6-1.4 | % | ISO 2577,294-4 |
| Melt Temperature(DSC) | 220 | °C | ISO 11357-1/-3 |

| Mechanical | Typical Value | Unit | Test Method |
|---------------------------------------|---------------|-------------------|--------------|
| Tensile Modulus | 6300 | MPa | ISO 527-1/-2 |
| Tensile Strength | 125 | MPa | ISO 527-1/-2 |
| Elongation at Break | 3 | % | ISO 527-1/-2 |
| Flexural Modulus | 5000 | Mpa | ISO 178 |
| Flexural Strength | 185 | Mpa | ISO 178 |
| Charpy Notched Impact Strength (23°C) | 8 | kJ/m ² | ISO 179/1eA |
| Charpy Impact Strength (23°C) | 39 | kJ/m ² | ISO 179/1eU |

| Thermal | Typical Value | Unit | Test Method |
|---|---------------|------|-------------|
| Heat Distortion Temperature A (1.80MPa) | 190 | °C | ISO 75-1/-2 |

| Flammability | Typical Value | Unit | Test Method |
|--------------|---------------|-------|-------------|
| Flammability | HB | 1.6mm | UL-94 |

Product Packaging

25kgs Bag/FIBC
