

Data Sheet / Product Information

Mersalen[®] LDPE NCY 02

type to use in extrusion applications

| | value | unit | method |
|---------------------------------|-------------------|----------------------|--------------------|
| physical properties | | | |
| density | 0,92 | [g/cm ³] | DIN EN ISO 1183-1 |
| rheological properties | | | |
| MFR (190°C 2,16kg) | 1,8 ... 2,3 | [g/10 min] | DIN EN ISO 1133-1 |
| MFR (190°C 5,00kg) | 5,6 ... 6,7 | | |
| mechanical properties | | | |
| E-modulus | > 200 | [MPa] | DIN EN ISO 527-1 |
| tensile strength | > 10 | | |
| elongation at yield | > 100 | [%] | |
| notched impact strength (23°C) | partial break | [kJ/m ²] | DIN EN ISO 179/1eA |
| notched impact strength (-30°C) | > 7 | | |
| composition | | | |
| ash content | < 0,4 | [%] | DIN EN ISO 3451-1 |
| other | | | |
| colour | translucent | | visual |
| shape | lenses, cylinders | | |

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