

AKSAD GROUP PETROCHEM

C 30 S

FIBRES

C 30 S is a polypropylene homopolymer with a good flow properties and is particularly suitable for the extrusion of film yam, monofilament, cast film and sheet. C 30 S combines outstanding process ability with good mechanical properties. C 30 S is particularly suitable to produce film yam with the cast film process. Film yam of C 30 S is used for baler twines, packaging twines and ropes.

C 30 S is well suited for the production of monofilament used for instance in brush and broom filling and technical applications. Other applications of C 30 S are monolayer or coextruded film for packaging, thin sheet for stationery folders and sheet for thermoforming.

C 30 S is also used for the extrusion of straws

| Properties | Value | Unit | Method |
|---------------------------------------------------------------|-------|-------------------|-----------|
| Melt flow rate (230 °C, 2.16 kg) | 6 | dg / min | ISO 1133 |
| Density | 0.9 | g/cm ³ | ISO 1183 |
| Flexural Modulus | 1500 | N/mm ² | ISO 178 |
| Tensile strength yield | 34 | N/mm ² | ISO R527 |
| Elongation@yield | 13 | % | ISO R527 |
| Izod Impact strengt | 4 | Kj/m ² | ISO 180 |
| Hardness shore D | 71 | points | ISO 868 |
| Vicat softening point (9.8 N) | 155 | °C | ISO 306/A |
| H.D.T. (0.46 Mpa) | 112 | °C | ISO 75/B |
| Accelerated oven ageing in air (forced circulation) at 150 °C | 360 | hours | ISO 4577 |