



Jampilen RP210M

Random Copolymer

JAMPILen Polypropylene

Description:

"Jampilen RP210M" is a medium modified polypropylene random copolymer for the extrusion of cast and water-quenched blown films and is formulated with a general purpose stabilization package and does not contain any slip or antiblock agents. "Jampilen RP210M" offers good processability, excellent clarity and gloss and exhibits very good heat weldability. The seal initiation temperature is about 130°C. "Jampilen RP210M" is designed for quality packaging applications, either as monolayer film or as welding layer in coextruded structures. Due to its excellent weldability, "Jampilen RP210M" is well suited for lamination to PP-film or other materials such as PA, polyester or aluminum to form the sealing layer.

Processing Method:

Cast Film
Water-quenched blown film

Features:

Very good heat weldability
Good processability
Excellent clarity and gloss
Random copolymer

Typical Applications:

Monolayer film
Sealing layer in coextruded films or in laminated structures
Packaging of foodstuffs such as biscuits, sweets, pasta, tea
Packaging of foodstuffs, shirts, knitwear and hosiery
Stationery folders

Approval:

Food

| TYPICAL PROPERTIES | VALUE | UNIT | METHOD |
|--|-------|-------------------|------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16kg) | 6.0 | g/10min | ASTM D1238 |
| Density | 0.9 | g/cm ³ | ASTM D1505 |
| Mechanical | | | |
| Flexural Modulus | 950 | MPa | ASTM D790 |
| Tensile Strength at Yield | 27 | MPa | ASTM D638 |
| Tensile Elongation at Yield | 12 | % | ASTM D638 |
| Izod Impact Strength (notched) at 23 °C | 55 | J/m | ASTM D256 |
| Rockwell Hardness | 92 | R Scale | ASTM D785 |
| Thermal | | | |
| Vicat softening point (10N) | 132 | °C | ASTM D1525 |
| H.D.T. (0.46 Mpa) | 78 | °C | ASTM D648 |
| Accelerated oven ageing in air at 150 °C | 360 | hours | ASTM D3012 |
| Optical | | | |
| Haze | 0.9 | % | ASTM D1003 |
| Gloss | 90 | ---- | ASTM D2457 |

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