



# H350EG

## HOMOPOLYMER

### FOR EXTRUSION COATING / LAMINATION

Repol H350EG is recommended for use in Extrusion Coating / Lamination process. Repol H350EG is an ideal material for coating of polypropylene woven fabrics. Repol H350EG is designed to provide excellent flow characteristics, low neck-in & consistent processability, good surface finish & gloss and excellent adhesion to substrate.

| Typical Characteristics                |             |          |                |
|--|-------------|----------|----------------|
| Property                               | Test Method | Unit     | Typical Value* |
| Melt Flow Index (230°C/2.16 kg)        | ASTM D1238  | g/10 min | 38             |
| Tensile Strength at Yield (50mm/min)   | ASTM D638   | MPa      | 34             |
| Tensile elongation at yield (50mm/min) | ASTM D 638  | %        | 9              |
| Flexural Modulus (1% secant)           | ASTM D790A  | MPa      | 1500           |
| Notched Izod Impact Strength (23°C)    | ASTM D256   | J/m      | 24             |
| Heat Deflection Temperature (455 kPa)  | ASTM D648   | °C       | 104            |

\* Typical values, not to be taken as specification. All the mechanical properties as per ASTM D638 Type I specimen injection moulded in accordance with ASTM D4101

#### Applications

Coating of polypropylene woven fabrics

#### Regulatory Information

- Meets the requirements stipulated in IS 10910 on 'Specification for Polypropylene and its Copolymers for safe use in contact with foodstuff, pharmaceuticals, and drinking water'. Additives incorporated in this grade conform to the positive list of constituents as prescribed in IS 10909. The grade and the additives incorporated in it also comply with the FDA:CFR Title 21,177.1520, Olefin polymers

#### Storage Recommendations

- Bags should be stored in dry/ closed conditions at temperatures below 50°C and protected from UV/ direct sunlight