



# SS35N **HOMOPOLYMER**

## FOR WOVEN SACKS AND MONOFILAMENTS

Repol SS35N is recommended for **Raffia Tapes** used in making woven fabrics for sacking, carpet backing & industrial packaging applications. Repol SS35N combines good processability on water bath and chill-roll with excellent mechanical properties.

Typical Characteristics			
Property	Test Method	Unit	Typical Value*
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	gm/10 min	3
Tensile Strength at Yield(50mm/min)	ASTM D638	MPa	35
Elongation at Yield (50mm/min)	ASTM D638	%	12
Flexural Modulus (1% secant)	ASTM D790A	MPa	1400
Notched Izod Impact Strength(23°C)	ASTM D256	J/m	45
Heat Deflection Temperature (455 kPa)	ASTM D648	°C	105

\* 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

Woven fabrics, sacks & monofilaments

### 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