



# AM120N

## HOMOPOLYMER

### FOR INJECTION MOULDED PRODUCTS

Repol AM120N is recommended for **Injection Moulding** process. Repol AM120N is an ideal choice for general purpose injection moulded products. It is also suitable for a compounding base and blending material in furniture compound.

Typical Characteristics			
Property	Test Method	Unit	Typical Value*
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	gm/10 min	12
Tensile Strength at Yield (50mm/min)	ASTM D638	MPa	37
Elongation at Yield (50mm/min)	ASTM D638	%	12
Flexural Modulus (1% secant)	ASTM D790A	MPa	1450
Notched Izod Impact Strength (23°C)	ASTM D256	J/m	30
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

Industrial mouldings & furniture

#### 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