



P O L Y P R O P Y L E N E

REPOL AM010N

RANDOM COPOLYMER

(Provisional Technical Data sheet)

Product description & applications :

REPOL Polypropylene AM010N is recommended for Thick sheet extrusion and Extrusion blow moulding processes. Repol AM010N is an ideal choice for Chemical filter plate products. The grade is also suitable for general purpose extruded products like Small bore tubing, Box strapping tapes and Sutali.

Features :

Repol AM010N is designed to provide :

- Good processing stability
- Good drop impact properties
- Good stretch ability and high strength tapes

Typical properties of **Repol AM010N** are as follows :

Property	ASTM Test Method	Unit	Typical Value*
Melt flow index, (230°C / 2.16kg)	D 1238	g/10 min	1.0
Tensile strength at yield (50mm/min)	D 638 [§]	MPa	32
Elongation at yield (50mm/min)	D 638 [§]	%	9
Flexural modulus (1% secant)	D 790A [§]	MPa	1150
Notched izod impact strength (23°C)	D 256 [§]	J/m	55
Heat deflection temperature (455 kPa)	D 648	°C	100

§: ASTM D638 Type I specimen injection moulded and tested in accordance with ASTM D4101

02-15

Repol AM010N comply the requirements stipulated in IS 10910 on “Specification for Polypropylene and its copolymers for safe use in contact with foodstuffs, 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.

REPOL is the registered trademark for Polypropylene from Reliance Industries Limited

** Typical values with injection moulded specimens, not to be taken as specification*

The data, information and suggestions contained herein are given purely as a guide. Reliance Industries Limited and Reliance Group Companies undertake no responsibility either for the results deriving from their adoption or for possible positions in apparent contrast with existing patent rights