



Reliance Industries Limited

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

REPOL AS4000N

ULTRA HIGH MELT FLOW HOMOPOLYMER GRADE

Provisional Technical Data Sheet

Repol AS4000N is ultra-high melt flow, narrow molecular weight polypropylene homopolymer resin. The grade is recommended for use in nonwoven and water filter cartridges using melt blowing process. Repol AS4000N is an ideal material for melt flow modifier for compounding and masterbatch manufacturing process.

Typical Characteristics			
Property	Test Method	Unit	Typical Value *
Melt Flow Rate, (230°C / 2.16kg)	ASTM D1238	g/10min	400
Density	ASTM D1505	g/cc	0.900
Melting Temperature	ASTM D3418	°C	162-168

* *Typical values, not to be taken as specification.*

Application :

- Nonwoven melt blown fabrics, Water filter cartridges, Compounding & masterbatch manufacturing

Regulatory Information

- Meets 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.

Storage Recommendations

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