

REPOL® AS4000N

Polypropylene Homopolymer

Reliance Industries Limited

Message:

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.

General Information			
Features	Homopolymer		
	High liquidity		
	Compliance of Food Exposure		
	Narrow molecular weight distribution		
Uses	Meltblown Nonwovens		
	Composite		
	Non-woven fabric		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10909		
	IS 10910		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	400	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	162 - 168	°C	ASTM D3418

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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