

Koylene ADL AS030NS

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Koylene ADL is the brand name of polypropylene Homopolymer spheribeads with external additivation manufactured and marketed by IPCL from its facility at Baroda complex through Spheripol / Addipol technology adopting the process know-how of M/s. Basell, The Netherlands.

Koylene ADL AS030NS is a homopolymer grade especially formulated to produce extrusion products and speciality compounds. As compared to the regular grade Koylene AS030N, this grade is richer in additive contents for high temperature processing and possesses excellent thermo-oxidative stability. Extra addition of antioxidants for preparation of compounds may not be needed when this grade is used. Narrow particle size distribution and somewhat higher bulk density than AS030N can offer advantages of throughput. Its unique powder like morphology coupled with relatively easy processing on extrusion and downstream equipment makes it a grade of choice.

FOOD CONTACT APPLICATIONS: This grade meets with the requirements of Indian Standard IS: 10910 on "Specifications for Polypropylene and its copolymers for its safe use in contact with foodstuffs, pharmaceuticals and drinking water".

General Information			
Features	Food Contact Acceptable		
	Good Thermal Stability		
	Homopolymer		
Uses	Masterbatch		
	Sheet		
	Strapping		
	Twine		
Appearance	Natural Color		
Forms	Spheres		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm, Injection Molded)	35.0	MPa	ASTM D638
Tensile Elongation ² (Yield, 3.20 mm, Injection Molded)	10	%	ASTM D638
Flexural Modulus ³ (3.20 mm, Injection Molded)	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm, Injection Molded)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	150	°C	ASTM D1525
NOTE			

1.	Type I
2.	Type I
3.	Type I

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

