

# Koylene SR20NC

Polypropylene Random Copolymer

Reliance Industries Limited

## Message:

Koylene SR20NC is Polypropylene Random copolymer suitable for Blow Moulding and Extrusion process. It is an ideal material for making clear bottles, containers, ball pen refills, sheets, stationery items and thermoformed products. The grade contains clarifier.

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". Additives incorporated in this grade conform to the positive list of constituents as prescribed in IS 10909. The grade and the additives also comply with FDA:CFR:Title 21,177.1520, olefin polymers.

General Information			
Additive	Clarifier		
Features	Food Contact Acceptable		
	High Clarity		
	Random Copolymer		
Uses	Bottles		
	Containers		
	Sheet		
	Stationary Supplies		
	Writing Instruments		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield, 3.20 mm, Injection Molded)	30.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield, 3.20 mm, Injection Molded)	12	%	ASTM D638
Flexural Modulus	900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	130	°C	ASTM D1525

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	160 to 210	°C
Cylinder Zone 2 Temp.	160 to 210	°C
Cylinder Zone 3 Temp.	160 to 210	°C
Cylinder Zone 4 Temp.	160 to 210	°C
Cylinder Zone 5 Temp.	160 to 210	°C
Die Temperature	190 to 210	°C
NOTE		
1.	Type I	
2.	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



WECHAT