

INNOPOL® PE CS 5-8250 W

High Density Polyethylene

Inno-Comp Ltd.

Message:

INNOPOL ® CS 5-8250 W is a 50% chalk filled compound based on high density polyethylene. This grade is available only in white coloured form.

Recommended application

INNOPOL ® CS 5-8250 W is developed for packaging film production.

General Information			
Filler / Reinforcement	Chalk,50% Filler by Weight		
Uses	Film		
Appearance	White		
Forms	Pellets		
Processing Method	Film Extrusion		
Resin ID (ISO 1043)	PE-HD KD50		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.46	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-3
MD : Break	15.0	MPa	
TD : Break	8.00	MPa	
Tensile Elongation			ISO 527-3
MD : Break	> 250	%	
TD : Break	> 100	%	
Dart Drop Impact	20	g	ISO 7765-1
Elmendorf Tear Strength			ISO 6383-2
MD	0.12	N	
TD	1.4	N	
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Suggested Max Moisture	0.060	%	
Cylinder Zone 1 Temp.	160 to 200	°C	
Cylinder Zone 2 Temp.	160 to 200	°C	
Cylinder Zone 3 Temp.	160 to 200	°C	
Cylinder Zone 4 Temp.	160 to 200	°C	
Cylinder Zone 5 Temp.	160 to 200	°C	
Melt Temperature	190 to 210	°C	
Die Temperature	180 to 200	°C	

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

