

Clyrell EC348P

Polypropylene
LyondellBasell Industries

Message:

Clyrell EC348P is a clarified and antistatic formulated polyolefinic resin combining the typical advantages of polypropylene random and heterophasic copolymers and is designed for injection moulding applications.
Clyrell EC348P features excellent transparency, very high gloss combined with a good stiffness/impact balance.
The main applications of Clyrell EC348P are the production of clear, shock-resistant food and non-food containers and houseware articles.

General Information			
Additive	Antistatic		
	Clarifier		
Features	Antistatic		
	Good Impact Resistance		
	Good Stiffness		
	High Clarity		
	High Gloss		
	Nucleated		
	Shock Absorbent		
Uses	Containers		
	Food Containers		
	Household Goods		
	Sporting Goods		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR)			
230°C/2.16 kg	16	g/10 min	ASTM D1238
230°C/2.16 kg	14	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)			
	19.0	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	46.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1200	MPa	ISO 527-2
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2

Yield	13	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	1.0	kJ/m ²	
0°C	2.0	kJ/m ²	
23°C	5.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	67.2	°C	ASTM D648
0.45 MPa, Unannealed	75.0	°C	ISO 75-2/B
Ductile / Brittle Transition Temperature	-5.00	°C	ISO 6603-2
Vicat Softening Temperature			
--	128	°C	ISO 306/A50
--	65.0	°C	ISO 306/B50
Optical	Nominal Value	Unit	Test Method
Haze (1000 µm)	13	%	ASTM D1003

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

