

ESENTTIA 60H92

Polypropylene Homopolymer
Polipropileno del Caribe S.A.

Message:

Characteristics: High melt flow rate control reology Homopolymer polypropylene with good stiffness/impact balance.
Recommended for: Injection molding of thin wall rigid containers, fast cycle time, closures, general purpose injection molding applications.

General Information			
Features	Controlled Rheology		
	Fast Molding Cycle		
	Food Contact Acceptable		
	General Purpose		
	High Flow		
	High Rigidity		
	Homopolymer		
Uses	Closures		
	General Purpose		
	Thin-walled Containers		
Agency Ratings	EC 1907/2006 (REACH)		
	EC 1935/2004		
	EC 2023/2006		
	EU 10/2011		
	FDA 21 CFR 177.1520(a)(3)(i)(c)(1)		
	FDA 21 CFR 177.1520(b)		
	FDA 21 CFR 177.1520(c) 3.1a		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	60	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, 3.20 mm, Injection Molded)	37.2	MPa	ASTM D638
Tensile Elongation ³ (Yield, 3.20 mm, Injection Molded)	7.5	%	ASTM D638
Flexural Modulus - 1% Secant ⁴ (3.20 mm, Injection Molded)	1690	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	32	J/m	ASTM D256A
NOTE			
1.	Procedure B		
2.	Type I, 50 mm/min		
3.	Type I, 50 mm/min		
4.	Type I, 1.3 mm/min		

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