

SEETEC PP R3400

Polypropylene Random Copolymer

LG Chem Ltd.

Message:

Application

CPP FILM (General CPP Film / Medium Slip) , Semi-transparent

Description

Seetec R3400 is a polypropylene-ethylene random copolymer designed for non-transparent injection molding application. SEETEC R3400 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
Uses	Film		
	General Purpose		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.0	MPa	ASTM D638
Tensile Elongation ² (Break)	> 500	%	ASTM D638
Flexural Modulus ³	900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80.0	°C	ASTM D648
Vicat Softening Temperature	135	°C	ASTM D1525 ⁴
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	28 mm/min		
4.	Loading 1 (10 N)		

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