

SEETEC PP R3410

Polypropylene Random Copolymer

LG Chem Ltd.

Message:

Application

EPP, General Applications

Description

SEETEC R3410 is a polypropylene-ethylene random copolymer designed for the production of Expanded PP. It offers optimum balance between good processing and physical properties.

General Information			
Features	High Clarity		
Uses	Film		
	Food Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	28.0	MPa	ASTM D638
Tensile Elongation ² (Break)	> 500	%	ASTM D638
Flexural Modulus ³	1000	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)	92.0	°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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