

ROMPETROL PP XCI-44

Polypropylene Impact Copolymer
ROMPETROL PETROCHEMICALS S.R.L.

Message:
Applications: Household articles, toys: Low weight and thin wall packaging

General Information			
Features	Impact Copolymer		
Uses	Household Goods		
	Thin-walled Packaging		
	Toys		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	44	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 (Yield, 23°C, Injection Molded)	25.0	MPa	ASTM D638
Tensile Elongation (Yield, 23°C, Injection Molded)	10	%	ASTM D638
Flexural Modulus (23°C, Injection Molded)	1080	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, Injection Molded	50	J/m	
23°C, Injection Molded	80	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	94.0	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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