TATREN® RM 45 55 CLEAR

Polypropylene Random Copolymer

Slovnaft Petrochemicals, s.r.o.

Message:

TATREN RM 45 55 CLEAR is a reactor random copolymer of excellent processing stability and high fluidity. It contains unique and very effective clarifying agent and antistatic agent. TATREN RM 45 55 CLEAR is characterised by excellent transparency and high gloss. Because it is a reactor grade it has excellent organoleptic properties which make it suitable for demanding food contact applications.
Applications
TATREN RM 45 55 CLEAR is intended for thin wall injection moulding of products where high clarity and low haze is required - video and DVD boxes, food packages, cups, closures, household articles etc. Thanks to used additive package it can be processed at significantly lower temperatures and gives potential for cycle time reduction.
TATREN RM 45 55 CLEAR is suitable for food contact. The product complies with Food Contact Regulations.

General Information			
Additive	Antistatic Clarifier		
Features	Food Contact Acceptable Good Organoleptic Properties Good Processing Stability High Clarity High Flow High Gloss Random Copolymer		
Uses	Closures Containers Cups Food Packaging Household Goods		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	85		ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (Injection Molded)	1200	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	28.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	13	%	ISO 527-2

Flexural Modulus (Injection Molded)	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C, Injection Molded)	4.5	kJ/m^2	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°C	ISO 75-2/B
Optical	Nominal Value	Unit	Test Method
Haze	9.0	%	ISO 14782
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 230	°C	

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