NEFTEKHIM PP 4215L (EP2C37F)

Polypropylene Copolymer

Nizhnekamskneftekhim Inc.

Message:

Product obtained by copolymerization of propylene and ethylene in presence of complex metalorganic catalysts.
It incorporates increased long-term thermal stability, thermal-oxidative degradation resistance when PP is produced, processed and PP-made articles are exploited, improved properties contributing to slipping and preventing from film layers sticking.
Application: flat-slot extrusion film, tubular film.
Technical requirements: TU 2211-136-05766801-2006

General Information			
Additive	Slip		
Features	Copolymer Good Thermal Stability Oxidation Resistant Slip		
Uses	Film Tubing		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm³	
Apparent Density	0.48 to 0.60	g/cm³	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0 to 7.0	g/10 min	ASTM D1238
Ash Content	0.025 to 0.050	%	
Gel Content [1]			
> 200.0 µm	300	pcs/m²	
0.700 to 1.50 mm	3.00	pcs/m²	
1.50 to 2.50 mm	0.00	pcs/m²	
> 2.50 mm	0.00	pcs/m²	
Thermal Creep Temperature [2]	70 to 80	°C	
Thermal-oxidative Deterioration (150°C)	15.0	day	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	75 to 82		
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	850	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**

Notched Izod Impact (23°C)	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Vicat Softening Temperature [3]	130 to 138	°C	
NOTE			
1.	p.4.8 TU 2211-136-05766801-2006		
2.	at load 0.46 H/mm^2		
3.	in liquid medium under force 10 H		

Recommended distributors for this material

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