

# NEFTEKHIM PP 5215M (RCXP722)

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.

Technical requirements: TU 2211-136-05766801-2006

General Information			
Additive	Slip		
Features	Copolymer		
	Good Thermal Stability		
	Oxidation Resistant		
	Slip Tack Free		
Uses	Film		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	
Apparent Density	0.48 to 0.60	g/cm <sup>3</sup>	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0 to 12	g/10 min	ASTM D1238
Ash Content	0.025 to 0.050	%	
Gel Content <sup>1</sup>			
> 200.0 µm	300	pcs/m <sup>2</sup>	
500.0 to 700.0 µm	3.00	pcs/m <sup>2</sup>	
0.700 to 1.50 mm	0.00	pcs/m <sup>2</sup>	
1.50 to 2.50 mm	0.00	pcs/m <sup>2</sup>	
Thermal Creep Temperature <sup>2</sup>	70 to 80	°C	
Thermal-oxidative Deterioration (150°C)	6.3	day	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75 to 82		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	950	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature <sup>3</sup>	130 to 138	°C	

## NOTE

1. p.4.8 TU 2211-136-05766801-2006
2. at load 0.46 H/mm<sup>2</sup>
3. in liquid medium under force 10 H

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## 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

