

# TOTAL Polypropylene PPH 3866

Polypropylene Homopolymer

TOTAL Refining & Chemicals

## Message:

Total Petrochemicals Polypropylene 3866 features excellent processability and gas fade resistance. 3866 complies with all applicable FDA regulations for food contact applications. 3866 is recommended for spunbond nonwoven fabric high speed melt spinning applications, multifilament yarns, and extrusion coating.

General Information			
Features	Controlled Rheology		
	Gas-fading Resistant		
	Good Processability		
Uses	Coating Applications		
	Filaments		
	Nonwovens		
	Spunbond Nonwovens		
	Yarn		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Processing Method	Extrusion Coating		
	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Elongation <sup>1</sup>	150	%	ASTM D3218
Tenacity of Fibers <sup>2</sup>	2.10	g/denier	ASTM D3218
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	166	°C	DSC
Extrusion	Nominal Value	Unit	
Melt Temperature	204 to 249	°C	
NOTE			
1.	2.5 dpf Multifilament		
2.	2.5 dpf Multifilament		

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.

## 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

