# Polene LDPE S 1018

### Low Density Polyethylene

## TPI Polene Public Company Limited

#### Message:

Polene LDPE S 1018 is a Low Density Polyethylene material. It is available in Asia Pacific or North America for injection molding. Important attributes of Polene LDPE S 1018 are:

**Good Processability** 

Low Shrinkage

Typical applications include:

Additive/Masterbatch

Caps/Lids/Closures

**Consumer Goods** 

Engineering/Industrial Parts

**Food Contact Applications** 

Density 0.916 g/cm³ ASTM Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 20 g/10 min ASTM Hardness Nominal Value Unit Test Durometer Hardness (Shore D) 48 Unit Test Tensile Strength Unit Test Yield 9.50 MPa  Tensile Elongation (Break) 400 % ASTM Thermal Nominal Value Unit Test Vicat Softening Temperature 82.0 °C ASTM	
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Melting Temperature 100 to 110 °C ASTN	M D1525
	M D1238
Injection Nominal Value Unit	
Processing (Melt) Temp 170 to 210 °C	

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# 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

