

# Technical Datasheet

## Lupolen 1800S

### 1) Product Description:

- ✓ LDPE (Lupolen 1800 S) provides fast cycle(Production), low density,good Flexibility andProcessability

✓

### 2) Applications:

- ✓ Caps and closures, engineering parts
- ✓ Sportequipment
- ✓ Leisure and toys

### 3) processing method

- ✓ Injection moulding

### 4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Density	ISO 1183	g/cm <sup>3</sup>	0.917
Melt Flow Rate (MFR) (190°C/2.16 Kg)	ISO 1133	g/10 min	20.0
Tensile Modulus	ISO 527-1, -2	MPa	150
Tensile Stress at Yield	ISO 527-1, -2	MPa	8.0
Vicat Softening temp (A50(50° C/h 10N))	ISO 306	°C	80

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