

Trilene® HE2.0TF

Polypropylene Homopolymer

Chandra Asri Petrochemical

Message:

Trilene HE2.0TF is a polypropylene homopolymer for sheet extrusion and thermoforming (SPPF) applications. This grade uses Unipol® polypropylene technology, with latest catalyst technology.

General Information			
Features	Rigid, good		
	Homopolymer		
	Workability, good		
	Medium impact resistance		
	Medium transparency		
Uses	Sheet		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1		
Forms	Particle		
Processing Method	Sheet extrusion molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.4	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	36.0	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus - 1% Secant ²	1290	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	44	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525 ³
Peak Melting Temperature ⁴	161	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Melt Temperature	220 - 240	°C	
Take-Off Roll	25.0 - 40.0	°C	
Extrusion instructions			

Sheet Temperature, forming zone: 157 to 160°C

NOTE

1.	50 mm/min
2.	1.3 mm/min
3.	标准 B (120°C/h)
4.	10°C/min, 2nd heat

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

