

# Daelim Po1y® TR-480SK

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

## Message:

PE/MRS 80 material according to ISO/TR 9080 SEM

WQC approved for tap water as per BS 6920:1990

General Information			
Features	High ESCR (Stress Cracking Resistance)  hexene comonomer  Workability, good  Good heat sealability  Good weather resistance		
Uses	Piping system		
Agency Ratings	ASTM D 1248, III, Class C, Cat. 5		
Appearance	Light Blue		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Density	0.945	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.58	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F20)	> 1000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	883	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.00 mm)	No Break		ASTM D256
Additional Information			
Elongation at Break, ASTM D-638, 50 mm/min: >600%OIT, ASTM D3895, 200°C, Aluminum Pan: >40 min			
Extrusion	Nominal Value	Unit	
Melt Temperature	190 - 220	°C	
NOTE			
1.	50 mm/min		

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

