



TJPAPC

Takht-e-Jamshid Pars Assalouyeh

Petrochemical Company

Certificate of analysis

Lot No. : 00081	Grade : G1161L	Date of Issue : 18/07/2021
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TECHNICAL SPECIFICATION

PROPERTIES	UNIT	VALUE	STANDARD	Result
Tensile Strength (Yield) <small>Typical</small>	(kg/cm ²)	520	ASTM D-638	
Tensile Modulus of Elasticity <small>Typical</small>	(kg/cm ²)	2.7×10 ⁴	ASTM D-638	
Izod Impact Strength (notched,t=6.4 mm) <small>Typical</small>	(kg-cm/cm)	2.2	ASTM D-256	
Vicat Softening Point(1000 g)	(°C)	97- 106	ASTM D-1525	104.6
Melt Index (200°C , 5000 g)	(g/10 min)	3-5	ASTM D-1238	3.7
Residual Styrene Monomer (RSM)	Mg/kg	<500	ISO-2561	471 ppm

Certificate of analysis

Lot No. : 00089	Grade : G1161L	Date of Issue : 18/07/2021
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TECHNICAL SPECIFICATION

PROPERTIES	UNIT	VALUE	STANDARD	Result
Tensile Strength (Yield) <small>Typical</small>	(kg/cm ²)	520	ASTM D-638	
Tensile Modulus of Elasticity <small>Typical</small>	(kg/cm ²)	2.7×10 ⁴	ASTM D-638	
Izod Impact Strength (notched,t=6.4 mm) <small>Typical</small>	(kg-cm/cm)	2.2	ASTM D-256	
Vicat Softening Point(1000 g)	(°C)	97- 106	ASTM D-1525	104.8
Melt Index (200°C , 5000 g)	(g/10 min)	3-5	ASTM D-1238	3.9
Residual Styrene Monomer (RSM)	Mg/kg	<500	ISO-2561	424 ppm





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Lot No. : 00093	Grade : G1161L	Date of Issue : 18/07/2021
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TECHNICAL SPECIFICATION

PROPERTIES	UNIT	VALUE	STANDARD	Result
Tensile Strength (Yield) <small>Typical</small>	(kg/cm ²)	520	ASTM D-638	
Tensile Modulus of Elasticity <small>Typical</small>	(kg/cm ²)	2.7×10 ⁴	ASTM D-638	
Izod Impact Strength (notched,t=6.4 mm) <small>Typical</small>	(kg-cm/cm)	2.2	ASTM D-256	
Vicat Softening Point(1000 g)	(°C)	97- 106	ASTM D-1525	104.7
Melt Index (200°C , 5000 g)	(g/10 min)	3-5	ASTM D-1238	3.9
Residual Styrene Monomer (RSM)	Mg/kg	<500	ISO-2561	407 ppm

Certificate of analysis

Lot No. : 00094	Grade : G1161L	Date of Issue : 18/07/2021
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TECHNICAL SPECIFICATION

PROPERTIES	UNIT	VALUE	STANDARD	Result
Tensile Strength (Yield) <small>Typical</small>	(kg/cm ²)	520	ASTM D-638	
Tensile Modulus of Elasticity <small>Typical</small>	(kg/cm ²)	2.7×10 ⁴	ASTM D-638	
Izod Impact Strength (notched,t=6.4 mm) <small>Typical</small>	(kg-cm/cm)	2.2	ASTM D-256	
Vicat Softening Point(1000 g)	(°C)	97- 106	ASTM D-1525	104.8
Melt Index (200°C , 5000 g)	(g/10 min)	3-5	ASTM D-1238	4
Residual Styrene Monomer (RSM)	Mg/kg	<500	ISO-2561	404 ppm

