Producer	Applications
Tabriz Petrochemical Company	This grade is ideal for creating high-gloss extruded sheets and a range of injection-molded products like clear packaging, medical labware, and food containers.

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
MELT FLOW INDEX (200°C-5KG)	g/10min	11	ASTM D-1238
STYRENE RESIDUAL MONOMER	PPM	<500	CLG LABPSG004
VICAT SOFTENING POINT (50 °C/hr 1kg)	°C	91	ASTM D-1525
HDT(120°C/HR AND 1.82MPa)	°C	73	ASTM D-648
TENSILE STRENGTH AT BREAK	MPa	43	ASTM D-638
ELONGATION AT BREAK	%	3	ASTM D-638
TENSILE MODULUS	MPa	4100	ASTM D-638
FLEXURAL MODULUS	MPa	2900	ASTM D-790
FLEXURAL STRENGTH	MPa	73	ASTM D-790
IZOD IMPACT(NOTCHED)	Kj/m2	1.6	ISO180/1A
ROCKWELL HARDNESS	-	M SCALE/ 70	ASTM D-785
HAZE	%	1	ASTM D-1003
DENSITY	gr/cm3	1.04	ASTM D-792
SHRINKAGE	%	0.55	ASTM D-955