

No.	Property	Test Method	Condition	Unit	Typical Values
P 01	MFI	ASTM D1238	at 1.2Kg, 300°C	g/10 min	Between 10.1 - 12
P 02	Density	ASTM D792	at 25°C	g/cm3	Equal 1.2
P 03	Tensile Strength	ASTM D638	@ yield	Kgf/cm2	Equal 630
P 04	Modulus of Elasticity	ASTM D638	–	Kgf/cm2	Equal 24,000
P 05	Elongation	ASTM D638	@ Break	%	Greater and equal 100
P 06	Dielectric Strength	ASTM D149	at 50 Hz	Kv/mm	Greater and equal 18
P 07	Izod Impact Strength	ASTM D256	Notched	Kj/m2	Greater and equal 80
P 08	Vicat soft. Temp	ASTM D1525	at 50N, 50C/h	°C	Between 142 - 146
P 09	Transmittances	ASTM D1003	Thickness 2mm	%	Greater and equal 68
P 10	HAZE	ASTM D1003	Thickness 2mm	%	Equal 74
P 11	CLARITY	ASTM D1003	Thickness 2mm	%	Equal 7

Medium viscosity

UV-stability, Mold release

**Applications:** LED Lamps

No.	Property	Test Method	Condition	Unit	Typical Values
P 01	MFI (Melt Volume Rate)	ASTM D1238	at 1.2Kg, 300°C	g/10 min	Between 10.1 - 12
P 02	Density	ASTM D792	at 25°C	g/cm3	Equal 1.2
P 03	Mold Shrinkage	ASTM D955	—	%	Between 0.5 - 0.7
P 04	Tensile Strength	ASTM D638	@ yield	Kgf/cm2	Equal 630
P 05	Modulus of Elasticity	ASTM D638	—	Kgf/cm2	Equal 24,000
P 06	Elongation	ASTM D638	@ Break	%	Greater and equal 100
P 07	Dielectric Strength (Electrical Contact resistance)	ASTM D149	at 50 Hz	Kv/mm	Greater and equal 18
P 08	Izod Impact Strength	ASTM D256	Notched	Kj/m2	Greater and equal 75
P 09	Charpy Impact Strength	ASTM D6110	Notched	Kj/m2	Greater and equal 60
P 10	Vicat soft. Temp.	ASTM D1525	at 50N, 50C/h	°C	Between 142 - 146
P 11	Transmittance	ASTM D1003	Thickness 2mm	%	Equal 37
P 12	Flammability	UL-94	1.6 mm	—	V2

Medium viscosity

UV-stability, Mold release

**Application:** Injection Product

No.	Property	Test Method	Condition	Unit	Typical Values
P 01	MFI	ASTM D1238	at 1.2Kg, 300°C	g/10 min	Between 10.1 - 12
P 02	Density	ASTM D792	at 25°C	g/cm3	Equal 1.2
P 03	Tensile Strength	ASTM D638	@ yield	Kgf/cm2	Equal 630
P 04	Modulus of Elasticity	ASTM D638	–	Kgf/cm2	Equal 24,000
P 05	Elongation	ASTM D638	@ Break	%	Greater and equal 100
P 06	Dielectric Strength	ASTM D149	at 50 Hz	Kv/mm	Greater and equal 18
P 07	Izod Impact Strength	ASTM D256	Notched	Kj/m2	Greater and equal 80
P 08	Vicat soft. Temp	ASTM D1525	at 50N, 50C/h	°C	Between 142 - 146
P 09	Transmittances	ASTM D1003	Thickness 2mm	%	Greater and equal 90

Medium viscosity

UV-stability, Mold release

**Applications:** Car Light Lens, Safety Glasses, Sun Glasses, Injection Products