

**RESILON POLYMERS PVT. LTD.**
**Certificate of Analysis**

Product RAYLON 06

Grade 06R50GF

Color BLACK

Lot No.

Date

**Description: -**

This is to certify that above material is tested as per the given details and the results are recorded as under.

Properties	Test Condition	Test Method	Unit	Typical Value	Tolerance	Result
<b>Physical</b>						
Specific Gravity		ASTM D792	-	1.52	+/-0.02	1.51
Melt Flow Rate	275° C/2.16Kg	ASTM D1238	g/10min	10	+/-3	10
Ash Content		ASTM D5630	%	50	+/-3	50
<b>Mechanical</b>						
Tensile Strength@yield	50mm/min	ASTM D638	Mpa	190	+/-10	190
Tensile Elongation@Break	50mm/min	ASTM D638	%	4	+/-1	3.6
Flexural Modulus	2mm/min	ASTM D790	Mpa	9500	+/-500	9450
Flexural Strength	2mm/min	ASTM D790	Mpa	290	+/-15	295
Izod Impact 3.2 mm Notched	23°C	ASTM D256	Kg cm/cm	12	+/-2	11.5
<b>Thermal</b>						
Heat Deflection Temperature (annealed)	1.80 Mpa	ASTM D648	°C	210	+/-10	212

**Note: - Properties measured at DAM conditions.**

This is system generated report, hence no signature is required.