



Certificate of Analysis

Report: Melt Flow Indexer

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Sample Information

Sample Received:

Detailed Request:

Assortment:

Sku No:

Style No:

Factory/Supplier:

Quantity Submitted:

Results



POLYMER

12/22/2022 2:12:29 AM

Machine ID: LMI-5500

Orifice Diameter: 2.095 mm

Orifice Length: 8 mm

Program Name: POLYMERS

Test Method: B

Temp Setpoint: 190

Melt Time: 360 s

Load: 2.16 kg

Number Of Flags: 4

Flag Length: 4 mm

Melt Density: 1.22 g/cc

Series Count:	Sample:	Flag Length: (mm)	Time: (s)	MVR: (cc/10 min)	MFR: (g/10 min):	Shear Rate: (1/s)	Shear Viscosity: (Pa/s)
0	1	4.00	7.22	23.79	29.03	43.932	440.39
0	2	4.00	7.00	24.57	29.98	45.367	426.46
0	3	4.00	6.81	25.23	30.78	46.578	415.37
0	4	4.00	6.65	25.84	31.53	47.712	405.50

MFR Avg: 30.328

MVR Avg: 24.859

SR Avg: 45.897

SV Avg: 421.931

MFR SDev: 1.072

MVR SDev: 0.879

SR SDev: 1.623

SV SDev: 14.991

MFR COV: 3.536

MVR COV: 3.536

SR COV: 3.536

SV COV: 3.553

