Department of Polymer & Process Engineering
University of Engineering & Technology Lahore-Pakistan

Ref No. Univ/PPE/340
Dated: 04-04-2022

Subject as per Client Mention: Testing of PVC PVC Compound.

1. Density

Standard Used: ASTM D792

Sr.#	Sample ID as per Client Mention	Minimum Value (g/cm^3)	Maximum Value (g/cm^3)	Average Value (g/cm^3)
1	Flexible PVC Compound	1.139	1.145	1.143

2. Shore A Hardness

Standard Used: ASTM D-2240

Sr.#	Sample ID as per Client Mention	Minimum Value	Maximum Value	Average Value
1	Flexible PVC Compound	47	50	48

3. Tensile Strength

Standard Used: ASTM D-638

Sr.#	Sample ID as per Client Mention	Minimum Value (MPa)	Maximum Value (MPa)	Average Value (MPa)
1	Flexible PVC Compound	8.60	9.28	8.94

4. Elongation at Break

Standard Used: ASTM D-638

Sr.#	Sample ID as per Client Mention	Minimum Value (%)	Maximum Value (%)	Average Value (%)
1	Flexible PVC Compound	946	1103	1016

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04/04/2022
Prof. Dr. Asif Ali Qaiser
Chairman
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NOTE:
1. Results have been quoted based on the received sample.
2. Average value of test no.1 to 4 is based on three different test pieces.
3. Sample was processed at 145°C temperature.

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