



Certificate/Test Report

Product: PTFE Sheet

PTFE Sheet conforms to National Standard: QB/T 5257-2018

No.	Item	Standard Values	Test Values	Results
1	Composition	Polytetrafluoroethylene (PTFE) Resin		Yes
2	Density	2.1-2.3	2.25	Yes
3	Tensile Strength/Mpa	≥ 15.0	15.2	Yes
4	Breaking Elongation (%)	≥ 150	168	Yes
5	Friction Coefficient	< 0.2	0.18	Yes
6	Hardness /Shore D	50-55	55	Yes
7	Compressive Strength / kg/c2	40-50	43	Yes
8	Heat Resistant / °C	> 200	215	Yes
9	Flame Retardant Property	V0	V0	Yes
10	Acid and Alikali Resistance	Resistance	Resistance	Yes
Conclusion				Qualified

Product: Round Rod

PTFE Round Rod conforms to National Standard:QB/T 4041-2010

No.	Item	Standard Values	Test Values	Results
1	Composition	Polytetrafluoroethylene (PTFE) Resin		Yes
2	Density	2.1-2.3	2.28	Yes
3	Tensile Strength/Mpa	≥ 15.0	15.1	Yes
4	Breaking Elongation (%)	≥ 150	164	Yes
5	Friction Coefficient	< 0.2	0.18	Yes
6	Hardness /Shore D	50-55	55	Yes
7	Compressive Strength / kg/c2	40-50	43	Yes
8	Heat Resistant / °C	> 200	220	Yes
9	Flame Retardant Property	V0	V0	Yes
10	Acid and Alikali Resistance	Resistance	Resistance	Yes
Conclusion				Qualified