

Relative Material Properties Ranking

Material Name	Refraction Factor	Chemical Resistance	Mechanical Performance	Tempatures Performance	Dimensional Capability	Cost Factor
FEP	4	5	1	4	2	4
PFA	5	5	1	5	2	3
PEI 1000	1	2	3	3	5	5
PEI 30% Glass 2300	1	2	4	3	5	5
PAI (TORLON™) 4203	4	3	3	5	2	1
PAI (TORLON™) Bearing 4301	5	3	4	5	3	1
PAI (TORLON™) Glass Filled 5530	3	3	5	5	4	1
PEEK 450G	4	5	3	5	4	2
PEEK 30% Glass Filled 450GL30	3	5	5	5	5	3
PEEK 30% Carbon Filled 450CA30	5	5	5	5	5	3
PEEK Wear 450FC30	5	5	4	5	5	3
EXTEM XH1005	2	3	3	5	4	4

Scale

- 1 *Not Recommended*
- 2 *Minimal*
- 3 *Good*
- 4 *Very Good*
- 5 *Excellent*