

Comparison of acrylic with other materials

Material	Tensile Strength	Deflection Temperature	Optical Refractive	Hardness (M)
Acrylic	900-1330	74-103	93	85-105
PS	560-980	65-104	89	65-80
AS	980-1330	88-104	87	80-90
PC	950	130-141	87	75-85
PVC	700-1120	66-77	84	