

Nitrophyl®

Database

Grade Database

	MC	K10	K20	K31	K61	RK6	SV
Design Density (pcf)	10 - 20	18-20	13 -20	25 -38	13 -20	13 -20	10 - 20
Design Density (g/cm³)	0.16-0.32	0.29-0.32	0.21-0.32	0.40-0.61	0.21-0.32	0.21-0.32	0.16-0.32
Gasoline Resistance	◎	◎	◎	◎	◎	◎	◎
Diesel Fuel Resistance	◎	◎	◎	◎	◎	◎	◎
E15 - E25 Resistance	◎	○	◎	○	◎	○	◎
E85 - E100 Resistance	○	○	○	△	○	○	○
M15 Resistance	◎	◎	◎	○	◎	◎	◎
Engine Oil Resistance	◎	◎	◎	◎	◎	◎	◎
Diesel Exhaust Fluid Resistance(Adblue)	◎	◎	◎	◎	◎	◎	◎
LPG Resistance	○	◎	◎	×	○	○	○
Cosmetic Appearance	△	◎	◎	◎	◎	○	○
Moldability (for Complex Shapes)	△	◎	◎	○	○	○	○
Skin Hardness Shore A	90-97	95-98	92-97	96-98	92-97	92-97	89-97
Maximum Use Pressure (Bar)	40	50	50	20	50	35	40
Maximum Use Temperature (°C)	125	110	110	110	125	125	150

Grade Definition:

◎- Excellent ○- Good △- Fair ×- Not Recommend

Application

Market Segment	Automotive									Industrial					Small Engine	
	Gasoline	Diesel	Biodiesel	Gasohol	Alcohols	Ad blue	Engine Oil	Coolant (Glycol)	LNG	LPG	Oil, Gasoline, Diesel	Waste Water Tank	Dielectric Oil	Acid, Caustic	Gasoline, Diesel	Gasohol, Alcohols
Product Application	Level Sensor (Light or Large Vehicle), Carburetor			Level Sensor (SCR, Engine, Coolant, LNG,.....)						Level Sensor, OPD	Level Sensor (Storage Tank), Leak Detection, OPD	RV Tank, Oil Drilling	Level Sensor (Transformer, Compressor)	Level Sensor (Storage Tank)	Level Sensor (Marine, Motorcycle, Mower, Portable Generator,.....)	
Nitrophyl Compound	K20	K20	MC	MC	MC	K20	SV	MC	K10	K10	K20	RK6, K20	RK6	K20, MC	RK6	MC