

Description and Application :

POL 314 has been developed for electrical enclosure production gasket . It is used in combination with ISO 105 . This grade has excellent mechanical and durability properties and also high efficiency and fast production cycle . It is known for foam in place gasketing .

Compound Characteristic :

Characteristic	Method	Polyol	Isocyanate
Appearance	ASTM D4890	Gray viscous liquid	Light brown
Vicocity at 25°C	ASTM D4878	600000±10000	150±30
Liquid Denisty at 25°C	ASTM D4669	1.09±0.02	1.12±0.02

Proccessing Conditions and performance :

POL 314	100 pbw
ISO 105	20-25 pbw
Iso and Polyol temperature	22-25
Mold temperature	25-35

CUP test (done by hand-mix in the laboratory):

Material temperature (c)	25±1
Ratio	100/22
Cream time (s)	60±5
Get time (s)	150±30
Tack free time	350±50
Free rise density (kg/m ³) (At the attitude of 1200m)	200±20
Demolding time (MIN)	20-30

It is important to keep the temperature and pressure variables on the line at the recommended values . The polyol mixture should be homogenized by mixing for 15 minutes before use . The storage life of POL 314 is provisionally 6 month when stored at 18-25 C.