

Ultrafiltered

A PTFE thickened, heavy viscosity, NLGI Grade 1, perfluoropolyether grease intended for high vacuum and clean room applications, spacecraft and semiconductor manufacturing equipment. Benefits include very low vapor pressure.

Lubricant Properties			Typical Value	Test Method
Recommended Service Range (°C)			-75 to 250	
Thickener			PTFE	
Base Oil	Type		Perfluoropolyether	
(NyeTorr 6301)	Kinematic Viscosity	-40°C	5818 cSt	ASTM D-445
		40°C	188.3 cSt	
		100°C	56.8 cSt	
	Viscosity Index		346	ASTM D-2270
	Pour Point	°C	-80	ASTM D-97
Typical Properties of the Grease			Typical Value	Test Method
Color, Appearance			White, Smooth	
Penetration (1/10 mm)	NLGI Grade		1	ASTM D-217
	Unworked		315	ASTM D-217
	Worked	60X	321	ASTM D-217
Density		25°C	1.8636 g/cm ³	NYE CTM
Oil Separation	24 hour(s)	150°C	11.97	FTM 791, Method 321.2
Evaporation	24 hour(s)	150°C	0.12	

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Refer to our product SDS for detailed safety information on this product. (1706)