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CASMOLY RS-220

Grease for sliding rail part

NSF H1 Registration No.146558

○ Description

CASMOLY RS-220 is designed for food grade grease based PAO (Polyalphaolefin) with thickened by PTFE for excellent heat resistance, shelf stability and good lubrication. It has excellent lubrication property and anti-noise of compatible with plastic, rubber and metal, also it is possible to use under wide range of temperature on -40°C~150°C. CASMOLY RS-220 increases the durability of applied parts with excellent anti-wear and anti-load properties by containing a lot of PTFE.

○ Characteristic

- Excellent material stability
- Excellent high temp. / oxidation stability
- Excellent lubrication efficiency
- NSF H1 Registration
- Service temperature: -40°C ~ +150°C

○ Main Ingredients

- PTFE, PAO

○ Application

- Sliding rail part of household appliances and furnishing
- Part requiring lubrication of bearing, gear
- Part requiring lubrication of household appliances, foodstuff machinery

○ Packing

- 1KG/CAN, 15KG/PAIL

○ Typical Properties

Test Items	CASMOLY RS-220	Test Method
Appearance	White	-
Worked Penetration (25°C)	265~295	ASTM D 217
Dropping Point, °C	Min. 260	ASTM D 2265
Copper strip corrosion	1a	ASTM D 4048
Oil Separation, wt%	< 3.0	ASTM D 6184
Evaporation loss, wt%	< 0.5	ASTM D 972
Oxidation stability, (kg/cm ²)	< 0.30	ASTM D 942
4 Ball wear, mm	< 0.9	ASTM D 2266
4 Ball E.P, kg	> 315	ASTM D 2596
Low Temperature Torque test (-40°C,gf.cm)	Starting	Max. 1,000
	Running	Max. 500
		ASTM D 1478

*ASTM: American Society for Testing & Materials.

☞ All values are not intended for use in preparing specifications.