

AST food approved compound overview

Compound code	Colour	Compound description	Low friction	Pressure resistance	Velocity m/s	fit for oil lubrication	fit for water lubrication	fit for dry running	food safe	fit for ceramic surfaces	fit for HD coatings
F501	White	Pure PTFE, (Virgin)	5	2	15	Y	N	Y	Y	N	Y
F522	Black	PTFE-graphite	5	4	15	Y	N	Y	Y	N	Y
F540	beige	PTFE-econol	4	3	15	Y	N	N	Y	N	N
F692	turquoise	PTFE-mineral filler	5	3	15	Y	N	N	Y	N	Y
F590	White	UHMWPE	4	5	12	Y	Y	Y	Y	Y	Y

low 1 2 3 4 5 high

Above compounds comply with the regulations (EC)2023/2006, (EC)1935/2004, (EU)10/2011 and FDA 21 CFR/177