

Akulon® S240-C

PA66

Food Contact Quality, High Viscosity

Properties	Typical Data	Unit	Test Method
Material specific properties			
	dry / cond		
Viscosity number	280 / *	cm ³ /g	ISO 307, 1157, 1628
Density	1140 / -	kg/m ³	ISO 1183
Thermal properties			
	dry / cond		
Coeff. of linear therm. expansion (parallel)	0.9 / *	E-4/°C	ISO 11359-1/-2
Other Properties (Film)			
	Value		
Oxygen transmission rate at 23°C/0%r.h.	27	cm ³ /(m ² *d*bar)	DIS 15105-1/-2
Oxygen transmission rate at 23°C/85%r.h.	41	cm ³ /(m ² *d*bar)	DIS 15105-1/-2
Water Vapor Transmission Rate at 23°C/85%r.h.	24	g/(m ² *d)	DIS 15106-1/-3
Test specimen production (Film)			
	Value		
Type of extrusion	cast	-	-
Thickness of specimen	0.06	mm	-
Chill Roll Temperature	100	°C	



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Viscosity-shear rate

