

Durethan DPAKV30XHREF 900116
 PA66-GF30

Envalior

ISO 16396-PA 66,GF30,GHRW,S14-080

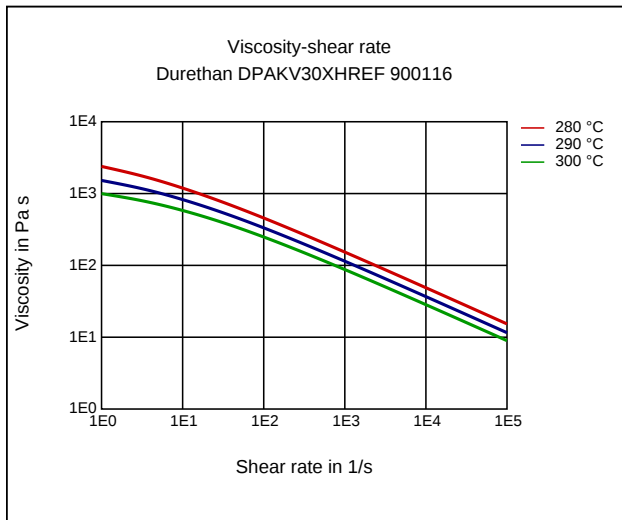
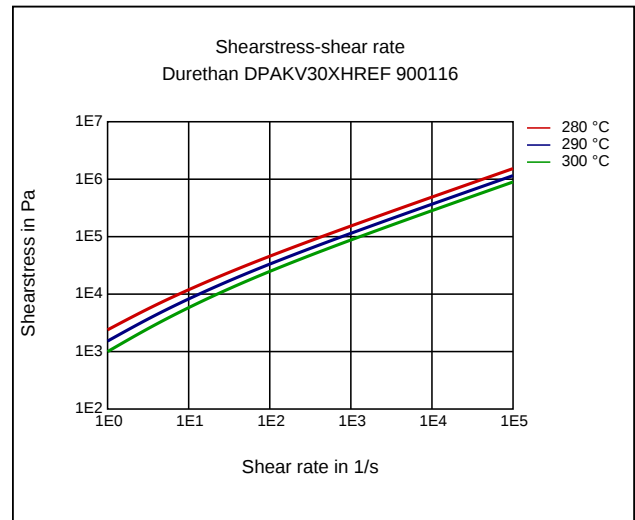
PA 66, 30 % glass fibers, injection molding, improved flowability, heat-aging stabilized, hydrolysis stabilized, GIT/WIT

Rheological properties	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577

Mechanical Properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	7800 / 4500	MPa	ISO 527
Stress at Break	120 / 75	MPa	ISO 527
Strain at Break	3.3 / 8.5	%	ISO 527
Impact Strength (Charpy), +23°C	60 / 75	kJ/m ²	ISO 179/1eU
Impact Strength (Charpy), -30°C	55 / -	kJ/m ²	ISO 179/1eU

Thermal Properties	dry / cond	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	225 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	245 / *	°C	ISO 75-1/-2
Coeff. of Linear Therm. Expansion, parallel	30 / *	E-6/K	ISO 11359-1/-2
Coeff. of Linear Therm. Expansion, normal	90 / *	E-6/K	ISO 11359-1/-2

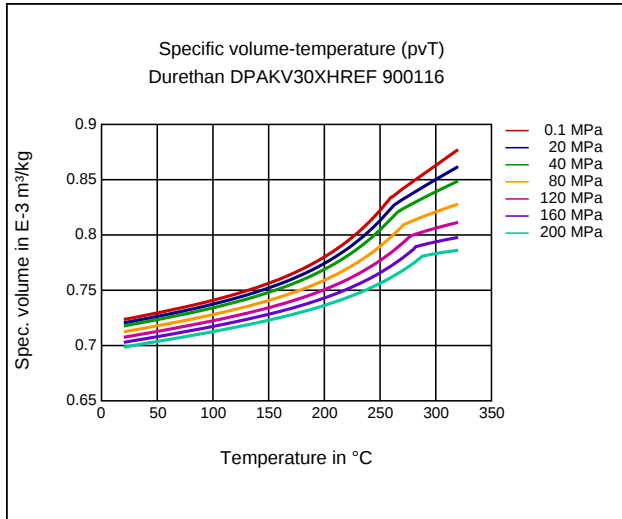
Other Properties	dry / cond	Unit	Test Standard
ISO Data			
Water Absorption	5.9 / *	%	Sim. to ISO 62
Density	1340 / -	kg/m ³	ISO 1183

Diagrams
Viscosity-shear rate

Shearstress-shear rate


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Envalior

Specific volume-temperature (pvT)



Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Heat aging stabilized

Chemical Resistance

Hydrolysis