

# KAY-METZELER

## EXPERIENCE & RESEARCH

### GRADE

BS EN 13163:2001	LD (EPS 50)	SDN (EPS 70)	HDN (EPS 100)	EHD (EPS 150)	UHD (EPS 200)	35F (EPS 250)	40F (EPS 300)	45F (EPS 350)	50F (EPS 400)	55F (EPS 500)
Compressive Strength at 1% Compression (kPa)	10	20	45	70	90	100	120	140	160	180
Compressive Strength at 10% Compression (kPa)	50	70	100	150	200	250	300	350	400	500
Cross Breaking Strength (Bending Strength) (kPa)	75	115	150	200	250	350	450	525	600	750
Shear Strength (kPa) in correlation to Bending Strength	35	55	75	100	125	170	225	260	300	375
Thermal Conductivity Value = W/mK	0.043	0.038	0.036	0.035	0.034	0.033	0.033	0.0325	0.032	0.032