Natural fibers

Low-emission Acrodur binders are an Composite materials made with Acrodur and natural fibers like hemp, kenaf or wood are lightweight and of high mechanical grades we are offering innovative and



Engine encapsulation

superior thermomechanical



Interior trim

Product name	Tg [°C]	Solids [%]	pH value	Viscosity [mPa⋅s]	Low VOC	FA free*	Self x-linking	Product key properties for respective application	
Thermoset									
Acrodur® 950 L		50	~ 3	~ 1,300**				Hard, brittle	Solution
Acrodur® DS 3530		50	~ 3	~ 250**				Hard, brittle	Solution
Acrodur® 2444		54	~ 3	~ 100**				Hard, brittle	Solution
Acrodur® DS 3558	+20***	50	~ 3.5	~ 900				Hard, impact modified	Hybrid
Acrodur® DS 3515	+90***	50	~ 3.5	~ 550		•	•	Hard, impact modified	Hybrid

All our thermoset binders are suitable for both wood fibers (blow line impregnation) as well as bast fibers (Foulard impregnation). Resulting prepregs provide a high B-stage stability. Flame retardants and pigments can easily be added to the binders.

Thermoplastic

Acrodur® Power 2850	+85	50	~ 3	~ 100		Stiff	Dispersion
Acrodur® Power 2750	+100	50	~3	~ 100		Stiff	Dispersion

Our thermoplastic processable binders are suitable for both wood fibers (blow line impregnation) as well as bast fibers (Foulard impregnation). Flame retardants and pigments can easily be added to the binder.

^{*} Formaldehyde not intentionally added. Product may comprise minor traces, as ubiquitously occuring impurities cannot be excluded / **Viscosity acc. to ISO 2555 (= Brookfield viscosity) / ***Thermoset matrix modified with dispersion of mentioned Tq / Tq = Glass transition temperature / Solids [%] = solid content in percent / VOC = Volatile organic compounds / FA = Formaldehyde / Viscosity acc. to ISO 3219 / Low VOC = VOC acc. to 2004/42/EC < 1,000 ppm / x-linking = crosslinking