



NONWOVENS

In the world of high performance nonwovens, polymeric binders don't just bond the fibers together. They have a bigger role to play.

Binders add specific functionalities to the nonwovens. They affect absorbency, chemical resistance and tear strength; they can alter the feel or touch of the nonwovens ...

The thorough understanding of the performance requirements of different nonwoven applications has allowed EOC to develop a comprehensive range of polymers that can meet those requirements and take the functionality of the binder to a higher level.

Some customers prefer to further functionalize their existing coating formulations, while others prefer to use ready-to-use products. EOC's polymer chemists and technical experts can support you either way.

In addition to the polymeric binders, EOC also proposes a wide portfolio of high-quality additives such as rheology modifiers, foaming agents, foam stabilizers and dispersants that will help you to develop more robust formulations.

PRODUCT	PROPERTIES						RECOMMENDED APPLICATIONS							BENEFITS	
	Chemical Nature	Solids (%)	Tg (°C)	pH	Viscosity (mPas@23°C)	Self-crosslinking	Roofing	Medical	Filtration	Wall Covering	Abrasives	Wipes	Wadding		Interlining
BC 4362	ACR	48	7	7.0 - 8.0	100 - 2000	No				<input type="checkbox"/>		<input type="checkbox"/>			hydrophobic
BC 4363	ACR	50	20	7.5 - 8.5	< 1500	No				<input type="checkbox"/>					hydrophobic
BC 4503	ACR	50	5	7.0 - 8.0	< 3000	Yes			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			low Tg yet excellent strength
BC 4552	ACR	45	34	7.0 - 8.0	< 1000	Yes	<input type="checkbox"/>		<input type="checkbox"/>				<input type="checkbox"/>		formaldehyde free
BC 4553	ACR	45	10	7.0 - 8.0	< 1000	Yes			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			formaldehyde free
BC 6217	ACR	46	-33	4.0 - 5.0	< 500	Yes			<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>	excellent wash and dryclean durability
BC 6230	ACR	46	-20	4.0 - 5.0	< 500	Yes			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	good compatibility with FR components
BC 6235	ACR	46	-15	4.0 - 5.0	< 500	Yes		<input type="checkbox"/>				<input type="checkbox"/>			superior chemical resistance
BC 6245	ACR	46	-5	4.0 - 5.0	< 500	Yes		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>	excellent solvent resistance
BC 6255	ACR	46	5	4.0 - 5.0	< 500	Yes		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	wash and dryclean durability
BC 6265	ACR	46	15	4.0 - 5.0	< 500	Yes		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		excellent tensile strength
BC 6270	ACR	46	20	4.0 - 5.0	< 500	Yes	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	pleatability
BC 6280	ACR	46	30	4.0 - 5.0	< 500	Yes	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		pleatability
BC 6290	ACR	46	40	4.0 - 5.0	< 500	Yes	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	excellent acid and alkali resistance
BC 7301	SA	50	18	7.0 - 8.0	1500 - 6000	No				<input type="checkbox"/>					excellent mechanical properties
BC 7305	SA	50	-5	7.0 - 8.0	1500 - 6000	No						<input type="checkbox"/>			excellent mechanical properties
BC 7800	SA	60	-5	4.0 - 5.0	< 1000	No		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			improved penetration
BC 7850	SA	50	-12	6.0 - 7.0	< 2000	No		<input type="checkbox"/>				<input type="checkbox"/>			good chemical resistance
BC 7860	SA	50	22	3.5 - 4.5	< 3000	Yes	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		pleatability

ACR = Acrylate copolymer SA = Styrene Acrylate copolymer = suitable = highly recommended



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