



We create chemistry

Making sustainable dreams come true

Our expanding portfolio of Joncryl® solutions enable the future of sustainable packaging.



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Joncryl Functional Coatings Portfolio Summary



Low VOC



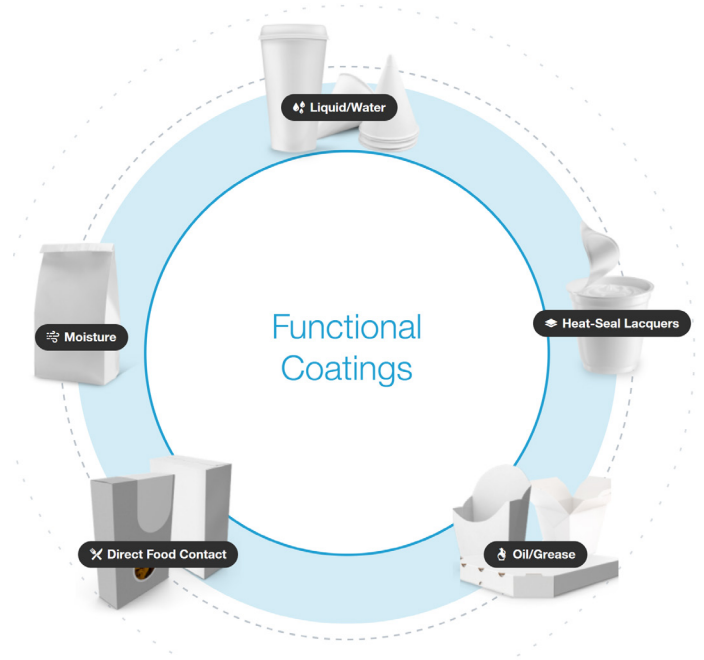
Enable repulpability and recyclability*



Water-based coatings

Variables to consider:

- ✓ Substrate (paper, paperboard, plastic, film, foil)
- ✓ Caliper
- ✓ Coat-Weight
- ✓ Single or multiple layer
- ✓ Application method (flexography, gravure, rod, curtain, air-knife, blade)
- ✓ Performance required



Expand your functional toolkit

BASF functional coating power up your formulations to address any challenges. Take each piece of the puzzle and make a difference in sustainable packaging.

To learn more about the science of functional coatings visit our LabAssistant tool for detailed information and recommended starting point formulations.

Product	Oil & Grease [g/m ²]	Oil & Grease Creased	Liquid Resistance	MVTR [g/m ² /day]	Heat-Sealable	Block Resistance	Tg [°C]	Solids [%]	Acid Number [mg KOH/g]	Viscosity at 25°C [mPa•s]	Density at 25°C [g/cm ³]	pH
Joncryl HPB Portfolio												
Joncryl HPB 1631-A			++	+++	++	+	<5	39	50	1250	1.02	9
Joncryl HPB 1702	+++	+++			++	+	<5	49	32	125	1.04	7.7
Joncryl HPB 4010			+++		++	+	<5	42	30	100	1.08	8
Joncryl HPB 4030			+++	+++	++	+	<5	40	28	100	1.08	7.5
Joncryl DFC Portfolio												
Joncryl DFC 3025	+		++			+	95	35	220	5,500	1.07	9
Joncryl DFC 3030	+++	+	++			+	-27	47	64	1,150	1.04	7.9
Joncryl DFC 3040	++		++			+	21	47	55	800	1.04	8.6
Joncryl DFC 3050	++		+++			++	99	48	49	850	1.04	8.3

+++ Excellent

++ Very Good

+ Good

*For recycling information, contact your BASF representative

Let's grab the chance to do this together and create better packaging for tomorrow!

We offer innovative solutions for more sustainable packaging. Whether you want to achieve lower carbon emissions, reduce plastic waste or increase the share of renewables in your product, our resins will help you do just that - without compromising on performance.



Product	Paper	Plastic	Film	Foil	Heat-Sealable	Block Resistance	Tg [°C]	Solids [%]	Acid Number [mg KOH/g]	Viscosity at 25°C [mPa·s]	Density at 25°C [g/cm³]	pH
Joncryl HSL Portfolio												
Joncryl HSL 710			+++		+++	++	49	30	30	<500	1.06	9.3
Joncryl HSL 750	+++				+++	+++	4	50	52	<100	1.05	6
Joncryl HSL 9010-A	++	+++			+++	+	-10	45	60	70	1.03	7.3
Joncryl HSL 9011-A	++	+++			+++	+	-30	45	35	<500	1.05	8.7
Joncryl HSL 9012-A				+++	+++	++	<5	39	35	200	1.04	8.8
Other Functional Coatings												
Product	Oil & Grease [g/m²]	Oil & Grease Creased	Liquid Resistance	MVTR [g/m²/day]	Heat-Sealable	Block Resistance	Tg [°C]	Solids [%]	Acid Number [mg KOH/g]	Viscosity at 25°C [mPa·s]	Density at 25°C [g/cm³]	pH
Joncryl 617-A	++		++			+	7	45.5	50	1,300	1.03	8.3
Joncryl 1670	++		++			+	-4	47	57	2,000	1.05	7.6
Joncryl 74-A	+		+			+	-16	48.5	50	700	1.03	8.2
Joncryl 82	++		++			+	-10	39.7	59	400	1.03	3
Joncryl ECO 2124	++		++			+	-35	47.3	65	1,000	1.04	7.9
Joncryl FLX 5000-A	++		++			+	N/D	42	90	1,000	1.04	8.8

+++ Excellent

++ Very Good

+ Good



Contacts

Please contact our technical service department for more help on formulating with products from the Joncryl product line.

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