

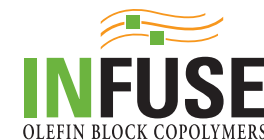









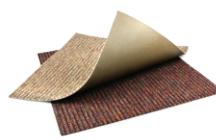
Quick Reference Guide

INFUSE™ Olefin Block Copolymers

INFUSE™ Olefin Block Copolymers (OBCs) have a wide variety of value propositions for a diverse range of markets and applications

- Flexibility with temperature resistance
- Polyolefin processability
- Elastic at room temperature and elevated temperatures
- Abrasion resistance
- Formulation flexibility
- Sustainable solutions



Hygiene	Adhesives	Food Contact Containers	Sporting & Recreational	Consumer Grips	Toys & Infant Products	Flooring	
 <p>Stretch & Comfort.</p> <ul style="list-style-type: none"> • Excellent processability & line speed • Cost effective elasticity 	 <p>Providing Protection.</p> <ul style="list-style-type: none"> • Stretch with oil-free solution • Thinner components with less tear • Excellent softness 	 <p>Sticking To It.</p> <ul style="list-style-type: none"> • Thinner components – low application temperature • Excellent color & stability 	 <p>Keeping Drinks Fresh.</p> <ul style="list-style-type: none"> • No plasticizers or phthalates • Great taste & odor • Recyclability 	 <p>Foam-able Softness & Resiliency.</p> <ul style="list-style-type: none"> • Long-term shape retention • Cost effective system • Softness 	 <p>Getting a Grip.</p> <ul style="list-style-type: none"> • Adhesion system compatibility • Stain resistance • Excellent haptics 	 <p>Let's Play!</p> <ul style="list-style-type: none"> • Injection moldable • Roto moldable • Environmentally conscious • Flexible with good haptics • Dishwasher safe 	 <p>Backing It Up.</p> <ul style="list-style-type: none"> • Dimensional stability for shape control • Recyclability • Adhesion to the carpet face • Filler uptake with flexibility • Improved odor
Application Examples							
Nonwovens/Films: Side panels, laminations, soft films	Films: Gloves, surgical films & protective films	Hygiene: Pressure sensitive adhesives (PSAs) & hot melt adhesives (HMAs)	Beverage liners, lids, containers, seals, spatulas, caps & closures	Yoga mats, sport floors, footwear	Toothbrush grips, kitchen utensils, food container seals	Teethers, flexible & soft parts & components	Carpet, carpet tiles, turf infill
Product Examples							
INFUSE™ 9107 OBC INFUSE™ 9507 OBC	INFUSE™ 9007 OBC INFUSE™ 9100 OBC INFUSE™ 9107 OBC	INFUSE™ 9807 OBC	INFUSE™ 9507 OBC INFUSE™ 9500 OBC INFUSE™ 9530 OBC	INFUSE™ 9077 OBC INFUSE™ 9507 OBC INFUSE™ 9500 OBC INFUSE™ 9530 OBC	INFUSE™ 9010 OBC INFUSE™ 9530 OBC	INFUSE™ 9010 OBC INFUSE™ 9500 OBC INFUSE™ 9530 OBC	INFUSE™ 9807 OBC

INFUSE™ Olefin Block Copolymers Product Family Overview

The table below provides a brief overview of currently available INFUSE™ Olefin Block Copolymers (OBCs). For more detailed product information, please refer to the INFUSE™ OBC Product Selection Guide (Form No. 788-08201) or individual technical data sheets (TDSs).

For additional information regarding INFUSE™ Olefin Block Copolymers or INFUSE™ OBC Technology, contact your Dow Technical Service & Development professional, your Dow Elastomers seller, or call the Dow Customer Information Group (CIG) at 1-800-441-4369 or 1-989-832-1426. Find out more about Dow Elastomers at www.dowelastomers.com.



Product	Melt Index (g/10 min @ 190°C) ⁽¹⁾	Overall Density (g/cm ³) ⁽¹⁾	Product Features ⁽¹⁾	Target Application(s)
INFUSE™ 9000 OBC	0.5	0.877	75 Shore A, Oil & Filler Extendable	Profile Extrusion, Thermoplastic Elastomers (TPEs)
INFUSE™ 9010 OBC	0.5	0.877	77 Shore A, Oil & Filler Extendable	Soft Goods, Overmolding, Profile Extrusion, TPEs
INFUSE™ 9007 OBC	0.5	0.866	64 Shore A, Oil & Filler Extendable	TPEs, Films
INFUSE™ 9077 OBC	0.5	0.869	51 Shore A, Flexibility & Softness	Crosslinked (XL) Foams
INFUSE™ 9100 OBC	1	0.877	75 Shore A, Elastic Recovery, Processable	Profile Extrusion, General Extrusion
INFUSE™ 9107 OBC	1	0.866	60 Shore A, High Heat Resistance, Oil & Filler Extendable	TPEs, Elastic Films
INFUSE™ 9500 OBC	5	0.877	76 Shore A, Low Compression Set, General Purpose Grade	Soft Goods, XL Foams
INFUSE™ 9507 OBC	5	0.866	59 Shore A, High Elastic Recovery, General Purpose Grade	Elastic Films, Soft Goods
INFUSE™ 9530 OBC	5	0.887	86 Shore A, High Tear, General Purpose Grade	XL Foams, Soft Goods
INFUSE™ 9807 OBC	15	0.866	60 Shore A, Injection Molding Grade	Adhesives, Soft Goods, Overmolding

⁽¹⁾Properties shown are typical; not to be construed as specifications. Users should confirm results by their own tests.

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