

Conducting Comprehensive SKU Data Management for a US-Based Chemical Supplier



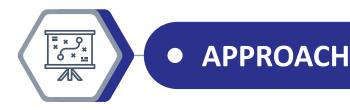


A US-based supplier of composite materials, fiberglass reinforcements, chemicals, consumables, etc. in North America is modernizing its business operations by implementing a new ERP system and enhancing its online presence for their product catalog. For this, they wanted Benori's assistance in data enrichment of approx. 70,000 SKUs of own and partners' products. The task included:

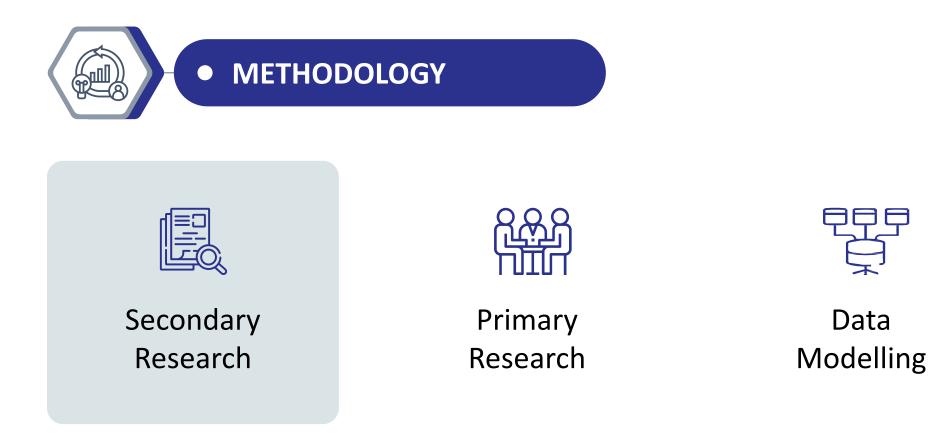
- Consolidating and simplifying their database and elevating their product portfolio
- Updating the material attributes of their products, available SKUs, and variants and adding descriptive notes on the products in a revised database that could be easily fed into their ERP Systems







Our approach involved utilizing TDS data sources, company websites, product catalogues, etc., to interpret the product descriptions. The relevant attributes or features were enriched and validated, using the pre-defined framework in consultation with the client. The project was executed over 12 months, with 2-3 weekly alignment calls and quarterly governance calls to review the output and address any bottlenecks.







The research helped the client in:

- Keeping up-to-date with their business process and product documentation
- Streamlining their digitalization efforts, specifically their online presence
- Increasing sales through the online channel







• SAMPLE OUTPUT

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	A	В	С	D	E	F	G	Н	I	J	
	ENRICHED	Manufacturer	Manufacturer Name	VENDOR_NAME_ALTERNATE	Product Family	Master TDS File Name		Material	Description	Size/Dimension	N
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	Enriched? ~	Manufacturer 😁	Manufacturer Name 😁	Alternate Vendor Name 👻	Product Family **	Master TDS File Name ~	TDS Revision Date 👘 🐣	Material *	Description -	Size/Dimension 🐣	N
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Physical Properties 1			
Specific gravity by			
	Test method	Unit	Value
	150 1163	g/orn/*	1,08
Water absorption L Humidity absorption	150 62	76	3.6
ia. Maximum permispible service terre	15.7400	- C	500
b. Lower permissible service temp	U.C. (1968)	-	
Mechanical Properties			
. Nechanical Properties	Test method	Unit	Walker
. Temala strength at yield (cs)		MPa	65
Elongetion et pielet, traj			4.5
 Tornsile strength at brook, ond 		MP.o	
L Elongation at beack back			
 Impact strength (a.) Notch impact strength (a.) 	150 179	BANK -	5
. Ball indentation (11,) Rockwell hardmost	150 2029	0.022-0	-
Sheep D	190 668		60
 Plasoral strangth (oppared) 	15(2-176	MPa	85
0. Modules of electicity (Ec.	190 527		224.000
I. Thermal Properties			
ic merman proparosa	Test method	Unit	Walker
Vical softening point. VST/8/SD	150 306		
VST.W60	50 300	-C	
Hour defection temperature: HOT/B	150.75		5.40
Cost. of linear thermal expansion (s)			
	SQ 11950	AC	
	190 11369	RC ⁻¹ = 1 DC ⁻¹	1.5
Class transition temperature (T _a)	1SO 22987-4	W6.5(my+H5)	1.3
Thermal conductivity at 20 °C (0.)			
Thermal conductivity al 20 °C (3) Glass transition temperature (T _a) Method herbendure (T _a)	1SO 22987-4	W6.5(my+H5)	1.3
Class transition temperature. (T _a)	1SO 22987-4	W6.5(my+H5)	1.3
Thermal conductivity at 20 °C (0) Glass manifold interpretation (T_2) Methig temperature (T_2) V. Electrical Properties	150 22927-4 150 3149 Test method	900(ps+K) *C	229
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Transmit considering at 20 To 50 The second	Test method EC 60092	WEXNER H	1.5 229 Value
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Transmit considering at 20 To 50	150 22857-4 150 3149 Test method EC 60090 EC 60090	With year (K)	1.3 2255 Victure 5.10 ⁻⁴
Thermal conclusion at 20 °C (2) Calculation (To) Net of the second	Test method	Without Ki	1.3 223 Volue = 10 ⁻¹ - 44 C71593
Transmit considering at 20 To 50	Test mathed BC 60000 BC 60000 BC 60000 BC 60000 BC 60010 BC 60110 Test mathed EC 60110	Without Ki	1.3 229 Varbas - 10 ¹⁹ - 44 Cr1900
Transmit considering at 20 °C (20) Matter (20) Matter (20) V. Electrical Properties V. Elec	Test method	Without Ki	1.3 229 Varbas - 10 ¹⁹ - 44 Cr1900
Thermal conclusion at 20 °C (2) Calculation (To) Net of the second	Test mathod #C 60040 #C 60040	Without Ki	1.3 229 • 10 ¹⁹ • 10 ¹⁹

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